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## **49<sup>th</sup> TRIAD Annual Spring Meeting**

**Huntsville, AL**

**May 27, 2010**

**Thursday, May 27, 2010**

### ***LEGISLATIVE UPDATE***

- *Ms. Linda Hilmer, Chair, Legislative Committee; President, CorpComm, Inc.*

### ***NASA UPDATE***

- *Mr. David Brock, Small Business Specialist, U.S. National Aeronautics and Space Administration*

### ***TOPICS FOR SMALL BUSINESS***

- *Ms. Joan Robinson-Berry, The Boeing Company*

### ***HBCUS – ROLES – SUBCONTRACTING/MENTOR PROTEGE***

- *Dr. Daryush Ila, Executive Director for Alabama A&M University Research Institute*

### ***ALLIANCE OF SUPPLIER DIVERSITY PROFESSIONALS***

- *Ms. Lisa Barr, ASDP Treasurer*

*Salute to Murray Schnooner*

**Ms. JoAnne Arvizu**  
Raytheon Company

**Ms. Lisa Barr**  
DRS Tactical Systems, Inc.

**Ms. Joni Blizzard**  
Harris Corporation

**Ms. Britt Bommelje**  
NDIA

**Mr. Jesse Bonfeld**  
Sherborne Sensors

**Ms. Joan Branson**  
Northrop Grumman Ship Systems

**Dr. Don Brechtel**  
Raytheon Company

**Mr. David Brock**  
NASA/MSFC

**Ms. Vanessa Bull**  
Lockheed Martin Aeronautics Company

**Mrs. Janell Bursac**  
The Boeing Company

**Mr. John Caporal**  
SAF/SB (Air Force, Small Business)

**Mr. Bryan Collins**  
Cherokee Nation Industries, LLC

**Mrs. Joan Davidson**

**Mrs. Janice Dearman**  
Cherokee Nation Industries, LLC

**Ms. Diane Dempsey**  
BAE Systems - Customer Solutions

**Mr. Tim Foreman**  
U.S. Department of Veterans Affairs

**Ms. Chireda Gaither**  
CSC

**Mr. Tom Hanson**  
The Software Specialists, Inc.

**Ms. Vicky Harper-Hall**  
Northrop Grumman Aerospace Systems

**SGT Marcus Hendricks, Sr.,  
USA (Ret)**  
Cherokee Nation Industries, LLC

**Ms. Linda Hillmer**  
CorpComm, Inc.

**Dr. Daryush Ila**  
Alabama A&M University Research Institute

**Ms. Amber Janey**  
Rockwell Collins

**Ms. Suellen Jeffress**  
Office of Small Business Programs, Office  
of the Secretary of the Army

**Ms. Gwen Johnson**  
HP

**Dr. Anthony Junior**  
Office of Naval Research

**Mr. Cono Letizia**  
Sanminia-SCI

**Ms. Nancy Letort**  
Northrop Grumman Shipbuilding- Gulf  
Coast

**Mr. Tizoc Loza**  
Northrop Grumman Corporation

**Ms. Emily Mann**  
Lockheed Martin Corporation

**SMSgt Tom Martinez,  
USAF (Ret)**  
Bell Helicopter Textron

**Mrs. Elaine Mayfield**  
Lockheed Martin Corporation

**Ms. Pamela McClam**  
Small Business Administration

**Ms. Pat McHugh**  
Lockheed Martin Corporation

**Ms. Peg Meehan**  
Defense Logistics Agency

**Mr. Zack Miller**  
Insitu, Inc.

**Mr. Alton Moss**  
Pratt & Whitney

**Mr. Mike Murnane**  
Raytheon Company

**Mr. Babak Nouri**  
SAIC

**Ms. Patricia Obey**  
Office of the Secretary of the Navy

**Mr. Mark Olson**  
Defense Contract Management Agency

**Mr. Dennis Phillip**  
Cherokee Nation Industries, LLC

**Ms. Gloria Pualani**  
Northrop Grumman Corporation

**Mrs. Suzanne Raheb**  
Lockheed Martin Corporation

**Ms. Joan Robinson-Berry**  
The Boeing Company

**Ms. Mary Seabolt**  
DCMA

**Ms. Holley Slabaugh**  
NDIA

**Mr. Michael Stewart**  
Booz Allen Hamilton

**Mr. Jim Tanksley**  
Lockheed Martin Aeronautics Company

**Mr. Bob Thompson, II**  
Lockheed Martin Space Systems Company

**Ms. Jackie Thrasher**  
DRS Training and Control Systems

**Ms. Cathy Usztan-Bedford**  
Lockheed Martin Company

**Mrs. Thosie Varga**  
L-3 Communications Integrated Systems

**SGT Frank Vezzi, USA (Ret)**  
NTELX, Inc.

**Ms. Victoria Vo**  
SAIC

**Mr. Voltaire Walker**  
Northrop Grumman Corporation

**Mr. Rob Watson**  
Northrop Grumman Information Systems

**Mr. Lee Wesner**  
Raytheon IIS

**Mrs. Betty White**  
Northrop Grumman Shipbuilding- Gulf  
Coast

**Ms. Sharon Whittaker**  
Northrop Grumman Mission Systems

**Ms. Mitzi Whittenburg**  
BAE Systems

# 49<sup>th</sup> TRIAD Annual Spring Meeting

May 27, 2010 ▶ Embassy Suites, Huntsville, AL

<b>7:30 am - 5:00 pm</b>	<b>REGISTRATION OPEN</b>
<b>7:30 am - 8:30 am</b>	<b>CONTINENTAL BREAKFAST</b>
<b>8:30 am - 8:45 am</b>	<b>WELCOME</b> <ul style="list-style-type: none"><li>▶ Ms. Diane Dempsey, <i>NDIA TRIAD Co-Chair, Meeting Chairperson; Director, Socio Economic Programs, BAE Systems</i></li><li>▶ Pledge of Allegiance</li><li>▶ Introductions of TRIAD members and guests</li></ul>
<b>8:45 am - 9:05 am</b>	<b>LEGISLATIVE UPDATE</b> <ul style="list-style-type: none"><li>▶ Ms. Linda Hilmer, <i>Chair, Legislative Committee; President, CorpComm, Inc.</i></li></ul>
<b>9:05 am - 9:25 am</b>	<b>DCMA UPDATE</b> <ul style="list-style-type: none"><li>▶ Ms. Mary Seabolt, <i>Acting Director, DCMA</i></li><li>▶ Mr. Mark Olson, <i>Director of Small Business, DCMA</i></li></ul>
<b>9:25 am - 9:45 am</b>	<b>NASA UPDATE</b> <ul style="list-style-type: none"><li>▶ Mr. David Brock, <i>Small Business Specialist, U.S. National Aeronautics and Space Administration</i></li></ul>
<b>9:45 am - 10:05 am</b>	<b>VETERANS ADMINISTRATION UPDATE</b> <ul style="list-style-type: none"><li>▶ Mr. Tim Foreman, <i>Executive Director, Office of Small and Disadvantaged Business Utilization, Office of the Secretary, U.S. Department of Veterans Affairs</i></li></ul>
<b>10:05 am - 10:25 am</b>	<b>SBA UPDATE</b> <ul style="list-style-type: none"><li>▶ Ms. Pam McClam, <i>U. S. Small Business Administration</i></li></ul>
<b>10:25 am - 10:30 am</b>	<b>ALLIANCE SUPPLIER DIVERSITY PROFESSIONALS</b>
<b>10:30 am - 10:35 am</b>	<b>MURRAY SCHOONER RECOGNITION</b>
<b>10:35 am - 10:50 am</b>	<b>NETWORKING BREAK</b>
<b>10:50 am - 11:50 am</b>	<b>CUSTOMER PANEL /ASK THE OSDBU</b> <ul style="list-style-type: none"><li>▶ Ms. Patricia Obey, <i>Assistant Director, Program Development, Small Business Programs, Office of the Secretary of the Navy</i></li><li>▶ Mr. John Caporal, <i>Acting Director, Small Business Programs Office, U.S. Air Force</i></li><li>▶ Ms. Suellen Jeffress, <i>Assistant to the Director and Woman-Owned Small Business Program Manager, Department of the Army, Office of Small Business Programs</i></li><li>▶ Ms. Peg Meehan, <i>Director, Office of Small Business Programs, HQs, Defense Logistics Agency</i></li></ul>
<b>11:50 pm - 12:50 pm</b>	<b>NETWORKING LUNCHEON</b>

## AGENDA



## TRIAD SMALL BUSINESS ADVISORY PANEL

**N**ational Defense Industrial Association  
(NDIA)

**A**erospace Industries Association (AIA)

**G**overnment Electronics and Information  
Technology Association (GEIA)

Ms. Diane Dempsey  
NDIA, Meeting Chair

Ms. Benita Fortner  
AIA, Co-Chair

Ms. Joan Robinson-Berry  
AIA, Co-Chair

Presentations from the Spring TRIAD will be available to download 1-2 weeks after the conference at <http://www.dtic.mil/ndia/2010TRIAD/2010TRIAD.html>.

12:50 pm - 1:50 pm HBCUS – ROLES – SUBCONTRACTING/MENTOR PROTEGE

- ▶ Dr. Daryush Ila, *Executive Director for Alabama A&M University Research Institute*
- ▶ Dr. Anthony Junior, *Navy Small Business Programs, HBCU Program Director*
- ▶ Mr. Tizoc S. Loza, *Corporate Program Manager, Mentor-Protégé, SBIR & HBCU/MIs Programs, SEBP / Government Relations, Northrop Grumman Corporation*
- ▶ Ms. Vanessa Bull, *Small Business Liaison Officer, Lockheed Martin Corporation*

1:50 pm - 2:50 pm NUNN PERRY AWARD WINNER PANEL

- ▶ Mr. Michael Stewart, *Booze Allen Hamilton*
- ▶ Ms. Thosie Varga, *L-3 Communications Integrated Systems*
- ▶ Ms. Mitzi Whittenburg, C.P.M., *BAE Systems, Land & Armaments U.S. Combat Systems (USCS)*
- ▶ Ms. Chireda Gaither, *CSC*

2:50 pm - 3:00 pm CLOSING REMARKS

- ▶ Ms. Diane Dempsey, *NDIA TRIAD Co-Chair, Meeting Chair*

Ms. Mitzi Whittenburg, CPM  
BAE Systems, Land & Armaments U.S. Combat Systems (USCS)

Mitzi Whittenburg, C.P.M. is a Sr. Supplier Diversity Representative for BAE Systems, Land & Armaments – US Combat Systems (USCS). She coordinates the implementation and monitoring of Small Business supplier diversity initiatives to expand the company base of, and expenditures to, small and small diverse businesses. She also serves as a focal point to market USCS to the diverse supply base, customer base, and acts as a subject matter expert to internal organizations such as Procurement, Program Management & Engineering.

As part of the Office of Small Business Programs the Department of Defense Mentor-Protégé Program encourages defense contractors to mentor small businesses that supply to the DoD. Mitzi was instrumental in obtaining approval from the Office of the Under Secretary of Defense Acquisition, Technology and Logistics for BAE Systems, U.S. Combat Systems to participate in the program as a mentor. She also initiated and manages the first Mentor-Protégé Agreement for USCS which provides mentoring services to a small Native American woman-owned business in College Station, TX that is a force protection product developer. This agreement was recently honored with a prestigious DoD Nunn-Perry Award for outstanding and successful mentor-protégé relationships.

Mitzi has extensive procurement related experience with companies such as Cargill, Northwest Airlines, GE and American Airlines. She holds MBAs in Financial Planning and Acquisition & Government Contracts from the University of Dallas, an undergraduate degree from Texas Christian University, a paralegal certificate from the University of Texas at Arlington and an associate’s certificate in contract management from ESI / George Washington University.

Mitzi moved to York, PA two and a half years ago from Minneapolis, MN. She is married and has two school-age daughters adopted from Russia.



# *Alliance of Supplier Diversity Professionals, Inc.*

*<http://www.asdp.us>*

*Lisa Barr , ASDP Treasurer*

*May 2010*

*[lbarr@drs-ts.com](mailto:lbarr@drs-ts.com)*



## Mission Statement:

Provide a forum for Supplier Diversity Professionals to:

- Support Professional Certification Program
- Exchange Information
- Increase Professional Development
- Enhance customer relations
- Influence Legislation

Thereby effecting positive growth to our individual Supplier Diversity Programs.



## Vision:

To become a nationally recognized training, certification and professional organization with a standardized body of knowledge which encompasses all aspects of Supplier Diversity.





# Professional Education Courses

SD100 Introduction to Supplier Diversity

SD101 Subcontracting Plans Part I & II

SD102 Customer/Management Reporting

SD201 Customer Review (Audit)

SD202 Mentor-Protégé Program Part I & II

SD204 Sourcing Strategies

Certification Exam



2010 – 2011

## ASDP Officers and Committee Leads

Greg Satoro, President	<a href="mailto:gsatoro@cornellcompanies.com">gsatoro@cornellcompanies.com</a>
Phyllis Grant, Vice President	<a href="mailto:phyllis.grant@lmco.com">phyllis.grant@lmco.com</a>
Suzanne Raheb, Secretary	<a href="mailto:susannah.l.raheb@lmco.com">susannah.l.raheb@lmco.com</a>
Lisa Barr, Treasurer	<a href="mailto:lbarr@drs-ts.com">lbarr@drs-ts.com</a>
Debbie Melvin, Board Member	<a href="mailto:deborah.a.melvin@boeing.com">deborah.a.melvin@boeing.com</a>
Neil Mullins, Board Member	<a href="mailto:nmullins@drs-ts.com">nmullins@drs-ts.com</a>
Joellen Moore Communications Chair	<a href="mailto:joellen.moore@usa-spaceops.com">joellen.moore@usa-spaceops.com</a>
Pat McHugh Membership Chair	<a href="mailto:patricia.a.mchugh@lmco.com">patricia.a.mchugh@lmco.com</a>





# Don't Delay Your Professional Development . . .

**Join ASDP Today!**

*<http://www.asdp.us>*

*877-405-6565*

## **Communicate with Officers:**

President	Greg Satoro	713-235-9357
VP	Phyllis Grant	407-306-6904
Secretary	Suzanne Raheb	407-625-6513
Treasurer	Lisa Barr	321-727-3672 x3034

The background of the slide is a deep space image. On the right side, a large portion of the Earth is visible, showing its brown and white surface. Above it, a smaller, greyish sphere representing the Moon is partially visible. The rest of the background is a dark blue space filled with numerous stars and a faint, glowing blue nebula or galaxy structure.

# TRI-ASSOCIATION SMALL BUSINESS ADVISORY PANEL MEETING

## DOING BUSINESS WITH NASA

Presented By:  
David E. Brock

May 27, 2010





# NASA Major and Component Installations



( ) Lead Management Center



# Four Mission Directorates and Ten Centers

- **Space Operations**

- Johnson Space Center
- Marshall Space Flight Center
- Kennedy Space Center
- Stennis Space Center

- **Aeronautics**

- Langley Research Center
- Glenn Research Center
- Dryden Flight Research Center

- **Science**

- Goddard Space Flight Center
- Ames Research Center
- Jet Propulsion Laboratory (JPL)-Cal Tech

- **Exploration Systems**

- Various

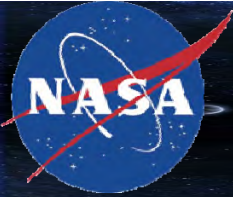




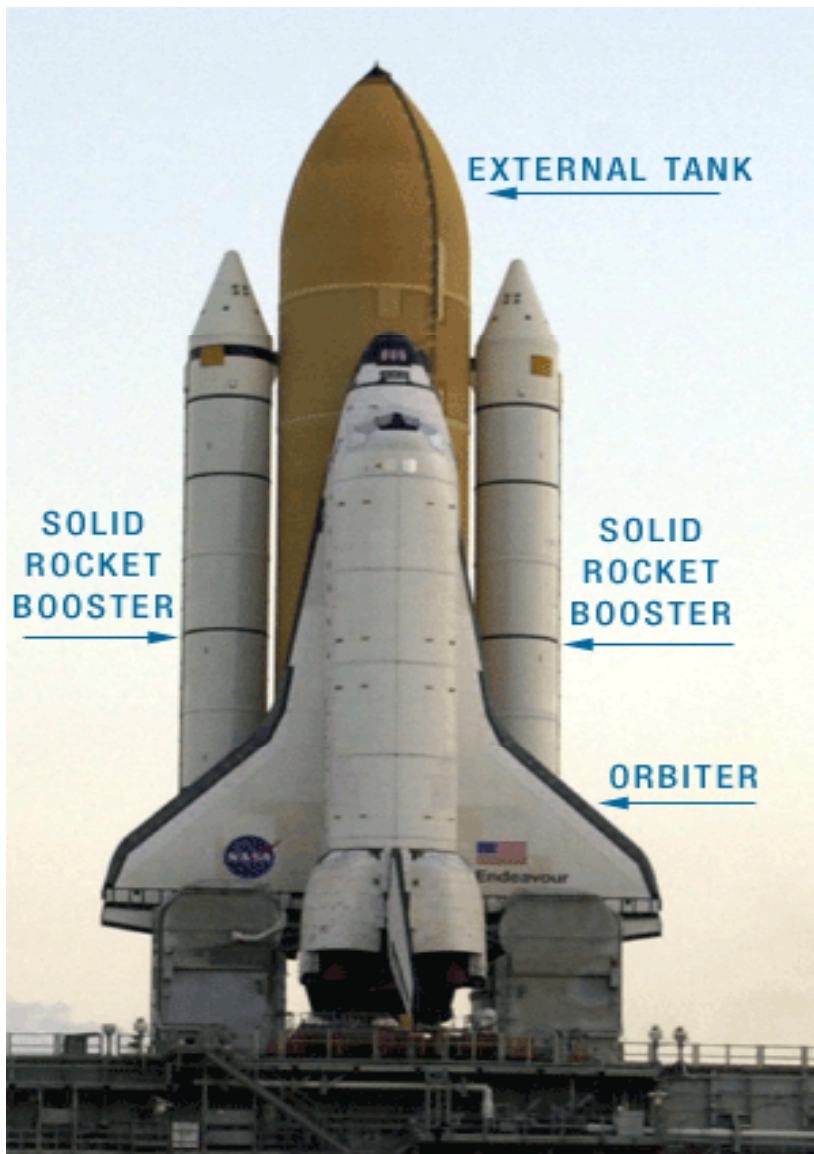
# Center Missions

Center	Mission
Ames Research Center	Aerospace & Small Spacecraft
Dryden Flight Research Center	Atmospheric Research & Testing
Glenn Research Center	Aeronautics & Spacecraft Technology
Goddard Space Flight Center	Science Missions & Telescopes
Jet Propulsion Laboratory	Deep Space Robotic Rovers & Networks
Johnson Space Flight Center	Operations
Kennedy Space Center	Shuttle Launch & Landing
Langley Research Center	Aviation & Space Research
Marshall Space Flight Center	Space Transportation, Systems & Selected Science
Stennis Space Center	Shuttle Engine Testing





# Space Shuttle Program



- The world's first reusable spacecraft in history that can carry large satellites both to and from orbit.
- Launches like a rocket, maneuvers in Earth orbit like a spacecraft and lands like an airplane
- Orbits the earth at 115 to 400 statute miles with a velocity of over 17,321 mph
- **The most reliable launch record of any rocket now in operation.** Since 1981, it has boosted more than 1.36 million kilograms (3 million pounds) of cargo into orbit. More than 600 crew members have flown on its missions





# International Space Station Program

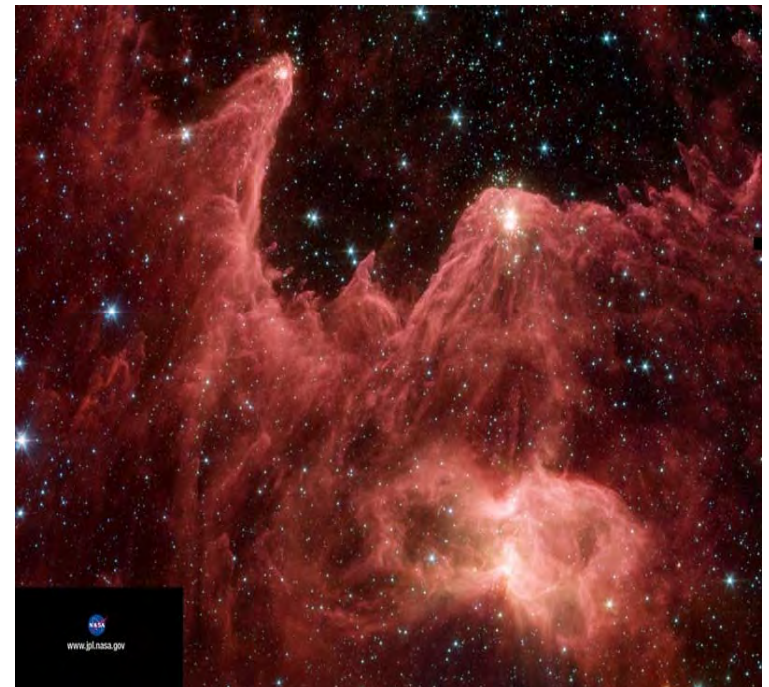


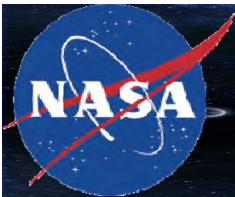
- Altitude: ~200 miles above earth
- Velocity: 17,240 mph, completing 15.7 orbits per day
- Joint project between United States (USA), Russia (RKA), Japan (JAXA), Canada (CSA), and several European countries (ESA), and Brazil (AEB)
- World-class research platform for biomedical, biotechnology, fluid physics, material science, quantum physics, astronomy, and meteorology
- Permanently manned since Nov. 2, 2000. Visited by over 137 people to date.



# Center Autonomy

- Have individual Industry Assistance Offices
- Have dedicated Small Business Specialists(s)
- Engage in outreach efforts
- Do procurements  
Independently of other  
Centers

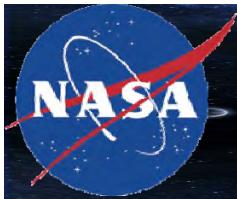




# NASA Small Business Specialists

<u>NASA Center</u>	<u>SBS</u>	<u>Phone</u>	<u>Email</u>
AMES Research	Lupe Velasquez	(650) 614-4522	Lupe.m.velasquez@nasa.gov
Dryden Flight	Robert Medina	(661) 276-3343	Robert.medina-1@nasa.gov
Glenn Research	Timothy Pierce	(216) 433-2147	Timothy.c.pierce@nasa.gov
Goddard Space Flight Center	Gilberto DelValle	(301) 286-8136	Gilberto.delvalle-1@nasa.gov
Johnson Space Flight Center	Chuck Williams	(281) 483-5933	Charles.t.williams@nasa.gov
Kennedy Space Flight Center	Larry Third	(321) 867-7357	Larry.m.third@nasa.gov
Langley Research Center	Vernon Vann	(757) 864-2456	A.v.vann@larc.nasa.gov
Marshall Space Flight Center	David Brock	(256) 544-0267	David.e.brock@nasa.gov
NASA Shared Services Center	John Cecconi	(228) 813-6810	John.a.cecconi@nasa.gov
Stennis Space Flight Center	Michelle Stracener	(228) 688-1720	Michelle.m.stracener@nasa.gov





# NASA Office of Small Business Programs (OSBP) Contacts

Contact	Title	Phone	Email
Glenn Delgado	Assistant Administrator	(202) 358-2088	Glenn.a.delgado@nasa.gov
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Diane Thompson	Program Manager	(202) 358-0514	Diane.thompson@nasa.gov
Richard Mann	Program Manager	(202) 358-2438	Richard.l.mann@nasa.gov
Tabisa Tepfer	Program Analyst	(202) 358-1818	Tabisa.t.tepfer@nasa.gov
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Dana Jones	Program Analyst	(202) 358-0491	Dana.jones@nasa.gov
Naeemah Lee	Executive Assistant	(202) 358-1367	Naeemah.a.lee@nasa.gov



# NASA FY 2009 Small Business Direct Achievements

Categories	Government % Goals	NASA % Goals	NASA \$ Achieved	NASA % Achieved
Oblig.			\$ 14,476,648,282	
SB	23.00%	15.35%	\$ 2,243,565,273	15.50%
SDB	5.00%	5.00%	\$ 1,169,148,562	8.08%
WOSB	5.00%	5.00%	\$ 245,190,899	2.38%
HUBZone SB	3.00%	3.00%	\$ 106,071,179	.73%
SDVO SB	3.00%	3.00%	\$ 212,384,951	1.47%

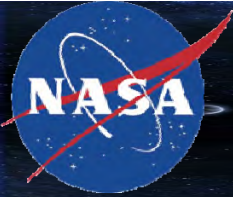


# Procurement Information Circular 09-07

## Small Business Utilization Factor

- Dated May 18, 2009
- Provides model clause and provision language to ensure the proper evaluation of small business utilization under competitive negotiated acquisitions





# Proposed Changes to the Provisions

- Small Business Utilization Subfactor and Evaluation Tool
  - Subcontracting plans
  - Commitment to SB
  - SDB Participation
- History of meeting subcontracting goals moved to Factor on Past Performance
- Commitment to Small Business
  - Combining to “stand alone” element
  - Streamlining items
- Explains “fit” with small business offerors
  - Small Business Primes are evaluated



# Procurement Notice 04-04

## NASA Mentor Protégé Program

- Dated May 29, 2000
- This PN is a result of a study of NASA's Mentor-Protégé program. The changes streamline the program; align the mentoring to technical skills; expand the program to Veteran-owned, HUBZone, and NASA Small Business Innovation Research (SBIR) Phase II small businesses; and include award fee incentives.



# NASA Mentor Protégé Pilot Program

- NASA Far Supplement created the Pilot Program for SBIR Phase II companies on May 29, 2009
- Goal is to incentivize Large Companies to mentor SBIR Phase II companies with technology transfer and business development skills that will increase their Technology Readiness Level (TRL)
- TRL measures technology readiness on a scale of 1-9
  - TRL 1-2 is where SBIR Phase I starts
  - TRL 4-5 is SBIR Phase II
  - TRL 8-9 is SBIR Phase III ready for commercial applications



# NASA Mentor Protégé Pilot Program (Cont.)

- First SBIR pilot M-P agreement signed by Boeing & Orion Propulsion Inc.
  - 18 month agreement worth over \$700K (Credit towards subcontracting plan)
  - Award fee added to MSFC Ares I contract worth up to \$100K funded by OSBP
  - Agreement calls for TRL level to go from 4 to 8
  - M/P will allow Orion to commercialize the technology, Boeing to get a better supplier and NASA to lower its cost
- Multi-discipline review of performance including Small Business Specialist, contracting officer, COTR, and Small Business Technical Advisor/SBIR POC





# NASA Vendor Data Base

## <https://NVDB.nasa.gov>

- Launched Nov. 17<sup>th</sup>
- Goal is to track all Vendors interested in doing business with NASA
- Market research by Procurement/Technical/Program personnel
- Benefits
  - Consolidate every Center's database into one
  - Open to all NASA employees for market research
  - E-mail capability to vendors for RFI, draft RFPs, Sources Sought Notices
  - Vendors can post capability briefs in any format
  - Company info from Central Contractor Registration flows directly into our database
  - Database is refreshed each year by contacting vendors automatically
  - Vendors can receive e-mails from SBS
  - Database training given to the Center SBS's in Jan. 2010



# NASA Small Business Training

- Small Business Training for the Acquisition Professional
  - Two-day course on the basics of Small Business
  - Geared for program and procurement workforce
  - Classes which started in June 2009, have been held at ARC, DFRC, GRC, GSFC, JSC, MSFC, and KSC and will be held at the other Centers over the next few months
  
- Training on the Small Business Utilization Clause (PIC 09-07)
  - This half day training is geared for the Source Evaluation Board
  - Training provides tools to evaluate Subcontracting Plans
  - Commitment to the Small Business Program
  - Small Disadvantaged Business participation





# NASA OSBP Initiatives

- Established Industry Councils & Joint Counseling Initiatives
- Established annual Small Business Industry Awards to recognize small business primes, small business contractors, and large primes that have made major contributions to NASA's Small Business Program at the Center level as well as at the Agency level
- Established the Administrator's Cup Award, which will be presented to the Center that has demonstrated the "best" overall Small Business Program, as documented in the year's final Small Business Program Report



# Marshall at a Glance



**\$2.7 billion**

budget in fiscal year 2009



**6<sup>th</sup> largest**

employer in the Huntsville -  
Madison county area



**> 7,000**

employees at Marshall  
(2,634 civil service employees in  
fiscal year 2008)



**4.5 million**

square feet of space occupied  
in Huntsville



**\$1.26 billion (FY2009)**

impact to Alabama  
economy



**MAF**

2.2M square feet of  
manufacturing space at  
Michoud Assembly Facility in  
New Orleans

*Marshall is an engine of opportunity for its community and beyond.*



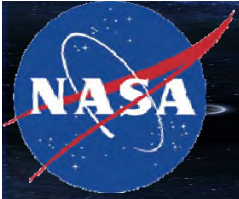
# Space Shuttle Full Scale Production Support at MSFC

- Space Shuttle flying since 1981
- Two flights remaining
- MSFC Programs:
  - External Tank
  - Solid Rocket Booster
  - Solid Rocket Motor
  - Space Shuttle Main Engine



# Project Constellation Programs Supported at MSFC

- Ares I:
  - First Stage
  - J-2X Liquid Engine
  - Upper Stage Avionics
  - Upper Stage Production
- Continue to work on program of record



# Science at MSFC

- Lunar Robotics
- Discovery/New Frontiers
- Chandra Science Center





# MSFC FY 2009 Small Business Achievements (In millions)

Categories	Directs	Subcontracting	Cumulative	% Achieved
Procurement \$			\$ 2,243.8	
SB	\$ 194.1	\$ 401.1	\$ 595.2	26.5%
SDB	\$ 82.4	\$ 217.1	\$ 299.5	13.3%
WOSB	\$ 42.0	\$ 124.1	\$ 166.1	7.4%
HUBZone SB	\$ 34.1	\$ 30.3	\$ 64.4	2.9%
VOSB	\$ 31.1	\$ 64.8	\$ 95.9	4.3%
SDVO SB	\$ 27.7	\$ 14.6	\$ 42.3	1.9%





# MSFC Initiatives

- Web based directories
- MSFC Joint Counseling
- Procurement Small Business Action Team
- MSFC Small Business Executive Leadership Team
- Marshall Prime Contractor Supplier Council
- Marshall Small Business Alliance Meeting



# MSFC Small Business Program Contacts

<u>CONTACT</u>	<u>TITLE</u>	<u>EMAIL</u>	<u>PHONE</u>
David Brock	Small Business Specialist	David.e.brock@nasa.gov	(256) 544-0267
Fran Thompson	Management Support Assistant	Fran.thompson@nasa.gov	(256) 544-8816
Stefanie Funghi	DFSI Contractor Support	Stefanie.m.funghi@nasa.gov	(256) 544-6263
Lynn Garrison	Small Business Tech Advisor	Virginia.b.garrison@nasa.gov	(256) 544-6719
Barbara Jenkins	SBA PCR for MSFC	Barabara.j.jenkins@nasa.gov	(256) 544-5012

Location: Bldg. 4202, Room 211

[http://ec.msfc.nasa.gov/msfc/doin\\_bus.html](http://ec.msfc.nasa.gov/msfc/doin_bus.html) (Web Site)



# Future Programs

- Heavy Lift and Propulsion Research and Development Program
- Exploration Precursor Robotic Program
- Space and Exploration Technology Demonstration Program  
Development:
  - Surface Power Systems
  - Advanced In-Space Propulsion
  - Cryogenic Fluid Management
  - Advanced Materials
  - Environmental Control Life Support Systems

# *Legislative Update TRIAD*

*Linda Hillmer  
CorpComm Inc.  
on Behalf of NDIA*

*May 27 2010*

*lhillmer@corpcomm-inc.com*

## *SB Legislation Video*

- *To see the Small Business Legislation Video that was shown at TRIAD, please visit:*

<http://www.corpcomm-inc.com/portfolio/video.php>



## *Agenda*

- *About the 111<sup>th</sup> Congress*
- *Small Business Committees*
- *Summary: SB Bill Status*
- *SBIR/STTR Mark Up*
- *Of Note*
- *Presidential Memorandum*
- *Executive Order*
- *Final Note*

## *About the 111<sup>th</sup> Congress*

- *Next Election: November 2010*
- *Membership*
  - *House of Representatives: 435 Members*
  - *Senate: 100 Members*
- *Leadership:*
  - *Speaker of the House - Nancy Pelosi (D-CA)*
  - House Majority Leader - Steny Hoyer (D-MD)*
  - House Minority Leader - John Boehner (R-OH)*
  - President of the Senate - Joseph Biden (D-DL)*
  - President pro tempore of the Senate -Robert C. Byrd (D-WV)*
  - Senate Majority Leader - Harry Reid (D-NV)*
  - Senate Minority Leader - Mitch McConnell (R-KY)*
- *Session: January 3, 2009 – January 3, 2011*

## *About the 111<sup>th</sup> Congress*

- *120 members have served in the military*  
*House: 95      Senate: 25*
- *Veterans*

<i>World War II</i>	<i>Korean War</i>	<i>Vietnam War</i>
<i>Kosovo</i>	<i>Persian Gulf War</i>	<i>Afghanistan Iraq</i>
- *Reserves and National Guard Members (several Members are still serving as Reservists)*
- *Former Secretary of the Navy*
- *3 Representatives and 1 Senator – graduates of United States Military Academy*
- *2 Senators and 1 Representative – graduates of United States Naval Academy*
- *Astronaut, Naval Aviator, Commander of a Carrier Battle Group , Vice Admiral, Instructor at West Point, Pilot of Marine One*

## *Small Business Committees*

### *Senate Committee on Small Business and Entrepreneurship*

- Chair: Senator Mary Landrieu  
(D-Louisiana)*
- Ranking Member: Senator Olympia Snowe  
(R-Maine)*
- ...And 17 other members*

- 29 Bills to Date  
Introduced/Considered*



## *Small Business Committees*

### *House Committee on Small Business*

- Chair: Representative Nydia Velazquez  
(D-New York)*
- Ranking Member: Representative Samuel Graves  
(R-Missouri)*
- ...And 27 other members*

- 77 Bills to Date  
Introduced/Considered*
- 16 Bills Voted in One Chamber or  
Failed to Pass*

## *Summary: SB Bill Status*

- *106 Introduced/Considered by Small Business Committees*
- *5 Passed into Law*
  - *H.R. 1541: Temporary extension of programs under the Small Business Act and the Small Business Investment Act of 1958*
  - 
  - *H.R. 3614: Temporary extension of programs under the Small Business Act and the Small Business Investment Act of 1958*
  - 
  - *H.R. 4508: Temporary extension of programs under the Small Business Act and the Small Business Investment Act of 1958*
  - 
  - *H.R. 4691: Temporary Extension Act of 2010*
  - 
  - *H.R. 4938: To permit the use of previously appropriated funds to extend the Small Business Loan Guarantee Program*
- *2 in Mark Up (SBIR/STTR)*
  - *H.R. 2965: SBIR/STTR Reauthorization Act of 2009*
  - *S. 1233: SBIR/STTR Reauthorization Act of 2009*

## *SBIR/STTR Mark Up*

### *Major Differences Between Senate and House Versions*

- *Senate Re-Authorizes to 2017*
- *House Re-Authorizes to 2011*
- *Increase in Agency Participation*
  - *Senate: Increases agency allocations by 0.1% per year until 2020*
  - *House: No increases*
- *Venture Capital Participation*
  - *Senate: Permits VC participation as long as a single VC company owns no more than 49%*
    - *Allows Majority Ownership participation (up to 8% of SBIR funds) by Multiple VC Companies*
  - *House Permits VC participation as long as no single VC company owns more than 49%*
    - *No Multiple VC Ownership allowed*

## *Of Note: 3% Withholding*

- *Current Law*
  - *Mandates federal, state and local governments withhold 3% of Contract Payments*
  - *Begins Jan 1, 2012*
  - *Significant Impact on Small Businesses*
  - *\$17 Billion - DoD Estimated Cost to Implement over five years*
- *H.R. 275 Repeal of Withholding Tax*
  - *Introduced 1/7/2009, 150 co-sponsors*
  - *Referred to House Ways & Means Committee*
- *H.R. 1 American Recovery & Reinvestment Act of 2009 (House Passed Version)*
  - *Included Repeal of Withholding*
  - *Changed in Conference to delay implementation date until January 2012*



## *Of Note: SB Contracting Revitalization Act 2010*

### *S. 2989: Up for Senate Vote*

- ***Contract Bundling***
  - *Accountability Measures*
  - *Teaming requirements (soliciting bids by small business)*
  - *Reduction of bundling (public website notification)*
- ***Subcontracting Integrity***
  - *Primes certify use of small businesses as presented in proposal*
- ***Acquisition Process***
  - *Reservation of prime contract awards for small businesses*
  - *Agency accountability*
  - *Payment of subcontractors*
- ***Small Business Size and Status Integrity***
  - *Annual certification*
  - *Training for contracting and enforcement personnel*
  - *Updated size standards*
  - *Study and report on the mentor-protégé program*

## *Presidential Memorandum*

- *SB Task Force*
- *Established 4/20/2010*
- *Interagency Task Force on Federal Contracting Opportunities for SBs*
- *Coordinate executive departments' and agencies' efforts towards ensuring all SBs have fair chance to participate in Federal Contracting*
  - *16 Agencies*
  - *Led by Secretary of Commerce*
  - *Report due to President August 20, 2010*

## *Executive Order*

- *Established 4/26/2010*
- *Interagency Task Force on Veteran-Owned Small Business Development*
  - *Coordinate effort of Federal agencies to improve capital, business development opportunities, and pre-established Federal contracting goals for small business concerns owned and controlled by veterans and service-disabled veterans*
  - *7 Agencies*
  - *Led by SBA Administer + 4 members from Veterans service or military organizations selected by SBA*
  - *Report due to President one year after first meeting and annually thereafter*

## *Final Note: Insourcing*

- *Congress mandated single government-wide criteria for inherently governmental functions*
- *May 2009: DoD guidance on Insourcing*
  - *Requires review of all contracted services for possible insourcing*
  - *Provides insourcing guidance, requires cost analysis*
- *March 2010: OMB Proposed Policy Letter*
  - *Definition of Inherently Governmental Function (IGF)*
  - *Establishes criteria to identify critical functions (CF)*
  - *Guidance on Internal Management of IGF & CF*
  - *Comments due by June 1, 2010*

*Small Business Losing Employees and Contracts*





# **Alabama A&M University Research Institute**

D. ILA, Executive Director

AAMURI Briefing

# Who We Are: Supporting

- The Warfighter
- The Aerospace Industry
- Homeland Security

# Providing

- Contracted Advanced Research
- Engineering Services
- Flexible Contract Support
- Full Cost Accounting
- DCAA Audited Rates
- Cleared Site and Personnel
- Low G&A/Low IDC



ALABAMA A&M UNIVERSITY  
RESEARCH INSTITUTE

*Established June 1999*

# VISION



## *“Independently Supported Contract Institute”*

- *Serve as a Conduit for Contracts at AAMU*
- *Support Economic Improvement & Betterment of life in Alabama*



## *Our Role*



- 1. Serve as a Conduit for Contracts at AAMU (an HBCU)*
- 2. Help Small Business to develop their Competitive Capabilities*
- 3. Interface between Industry, Government and University Through M&P, SBIR/STTR, Training, Services, as well as providing access to State of the Art Facilities.*





A&M Research Institute leaders Dr. Leslie Evelyn, Dr. Gladys Herron, Dr. Daryush IIA and James Johnson.

## Can do it conduit

Alabama A&M Research Institute joins university and its partners to corporations, small businesses and government

By ANNA CLAIRE VOLLERS

**A**labama A&M University's Research Institute links high-tech industries looking to gain access to top academics, provide advanced research labs with the resources of the university. Whether a company needs one position filled or a long-range project completed, the Research Institute is the connection

that can make it happen.

"We are the independently supported contract arm of the university," says Dr. Daryush IIA, executive director of the Alabama A&M Research Institute (AAMURI). "We support the economic, entrepreneurial and the betterment of life in Alabama. Especially, when industry and the government approach us, we help them. When the industry talks to

us, they're talking to us and all of our partners."

AAMURI has three main emphases: information science and information technology, environmental services and technology development.

A 501(c)(3) entity of the university, AAMURI partners with faculty and students from disciplines in Alabama A&M's five schools, and has partnered



## Who Are We?

- Founded 1875
- 1890 Land
- HBCU
- 5600 students,
- >1400 Grads.,
- 4 Ph.D. programs
- Fully accredited (SACS)

# ORGANIZATION CHART



**PRESIDENT  
AAMU**

**Dr. D. ILA, Executive Director  
Dr. G. Herron, Associate Director**

## **Board of Directors**

President, VP (R&D), President  
Pro Tempore of BOT, Chair of R&D  
Sub of BOT, Exec. Dir. of AAMURI

**Advisory Board**

**Last Updated 2007**

**Programs  
& ID/IQs  
(D. ILA)**

**IT & IS**

**ATR&D**

**IERS**

**Small Business  
Training and  
Partnership**

**FISCAL  
CONTROL  
(G. Herron )**

**Payable  
&  
Receivable**

**Personnel  
Payroll**

**(Property  
Management)**

**HRD  
a) Training,  
b) Internship  
c) Innovative Awards**

**CONTRACTS  
(A. L. Evelyn &  
D. ILA)**

**Grants &  
Contracts**

**Federal G&C**

**Internal  
Control**

**SUPPORT  
SERVICES  
(J. Johnson & ILA)**

**Analytical/  
Materials**

**IT**

**Training**

**Workshops  
STTR/SBIR/IP  
Public Awareness**

**BUSINESS  
DEVELOPMENT  
(ILA,J. Johnson,  
Evelyn)**

**FSO/SO**

# **MANAGEMENT TEAM**



**Dr. D. ILA, Exec. Dir. of AAMURI**  
**Dr. Gladies Herron, Assoc. Dir., Ops. Manager**  
**Dr. Leslie Evelyn, G&C Manager**  
**Col. James Johnson, Logistics, M&P/FSO/SO/TM**  
**Ms. Veena Sharma, Management Assistant/NSF-PA**  
**Ms. Vannessa McGlathery, Acc. Administrator**  
**Ms. Cynthia Lankford, Administrative support**  
**Ms. Chandra Ray, Acc. PR/AP/AR**

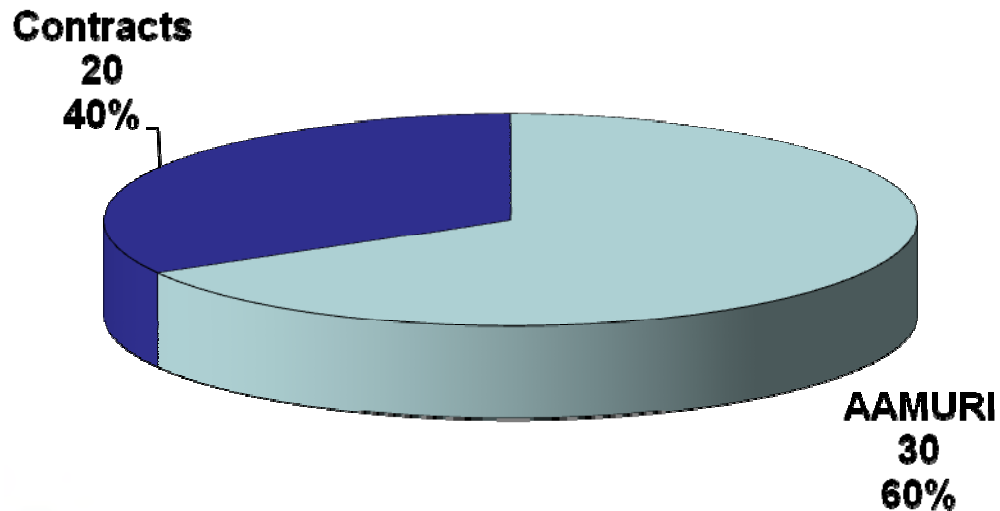


# Employees

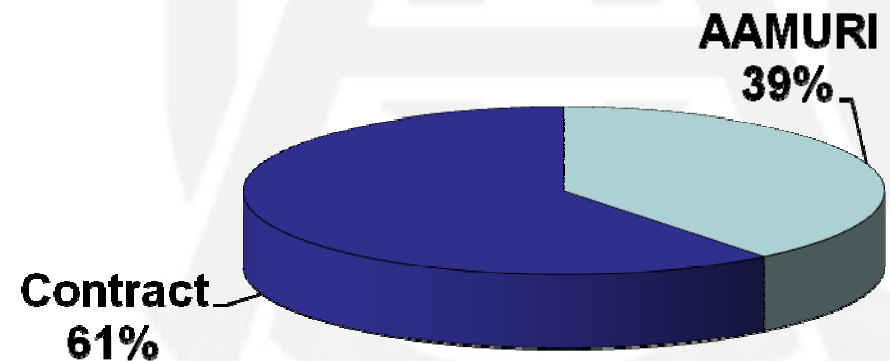


	FY 08	FY 09
<b>AAMU Student Employees</b>	<b>28</b>	<b>50</b>
<b>Faculty &amp; Staff Employees</b>	<b>45</b>	<b>35</b>
<b>Total</b>	<b>73</b>	<b>85</b>

**FY 09 Student Assistants**



**FY 08 Student Assistants**





# Selected Customers & Partners



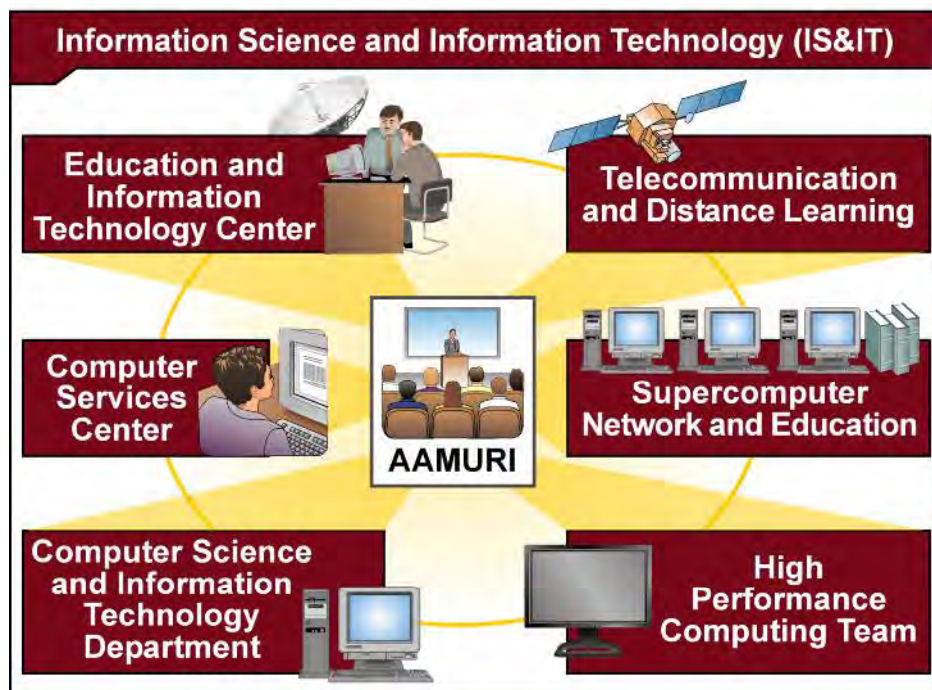
## Government

- DOD
- NASA
- DOE
- NSF
- SBA, DIA, ....

## Commercial

- SAIC
- Boeing
- EG&G
- Many others
- Small Businesses

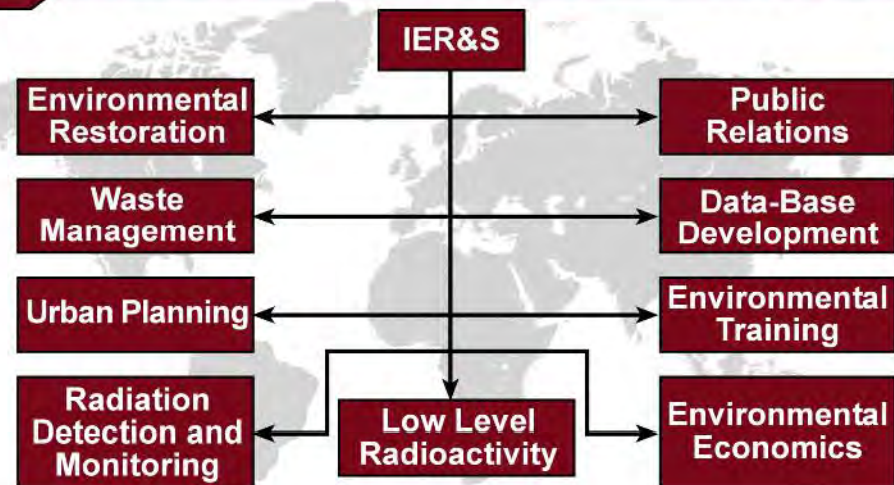
# Strategic Research Areas



## Advanced Technology Research and Development (ATR&D)

- |                                      |   |
|--------------------------------------|---|
| ■ IS & IT, ME, EE, CE, CS            | ■ Prototyping                               |
| ■ Nano-Technology                    | ■ Sensors/Detectors/Mirrors                 |
| ■ Information Security               | ■ Validation and Verification               |
| ■ Artificial Intelligence            | ■ Protocols and System Technology           |
| ■ Imaging/Signal Analysis/Processing | ■ Technical Transfer, Insertion/Integration |
| ■ Simulation and Modeling            | ■ Plant Cell Tissue Culture                 |
| ■ Communications Networking          | ■ Man/Machine Analysis Studies              |
| ■ Advanced Materials Proc.           |   |

## Integrated Environmental Research and Services (IER&S)



# Who Are We?



- Hydrology, Soil, Climatology & Remote Sensing
- Center for Irradiation of Materials
- Small Business & Economic Development
- Center for Environmental Research & Training
- Center of Excellence in Forestry & Ecology
- Advanced Propulsion Materials Res. Ctr.
- AAMU Research Institute



Research Institute  
HQ

Who are we?



Center  
for  
Irradiation of Materials





# Highlighted Expertise 1



- **Engineering services, Support Services**
- **Mentor-Protégé (Support)**
- **Advanced technology Dev. & Prototyping**
- **Materials research and development**
- **Small business development and training**
- **SBIRs and STTRs jointly with small businesses**
- **Specialized small business training program**
- **World-class composite, Nano-science and Nano-Technology facilities, Sensors**
- **Advanced Environmental and Forensic facility**
- **Highly Competent IT Engineers and Scientists**

# Highlighted Expertise 2



## 1. Propulsion:

- Increase partnerships (NASA, DOD, Industries and Universities).
- Topics: TEG, Support for NASA/Customers Mission, Carbon Base High Temperature Materials, Sensors for Extreme Environment, Power Generation and Radiation Effects, Carbon Composites and Metal Composite adhesion.

## 2. IER&S: Forensic, Environmental Training and Remediation, Public outreach

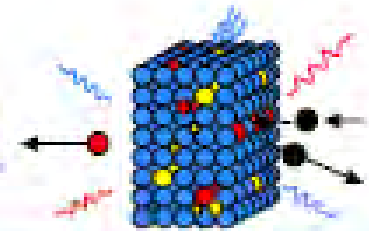
## 3. SBIR/STTR, SB Training, Mentor-Protégé

## 4. Nano-Science and nano-technology

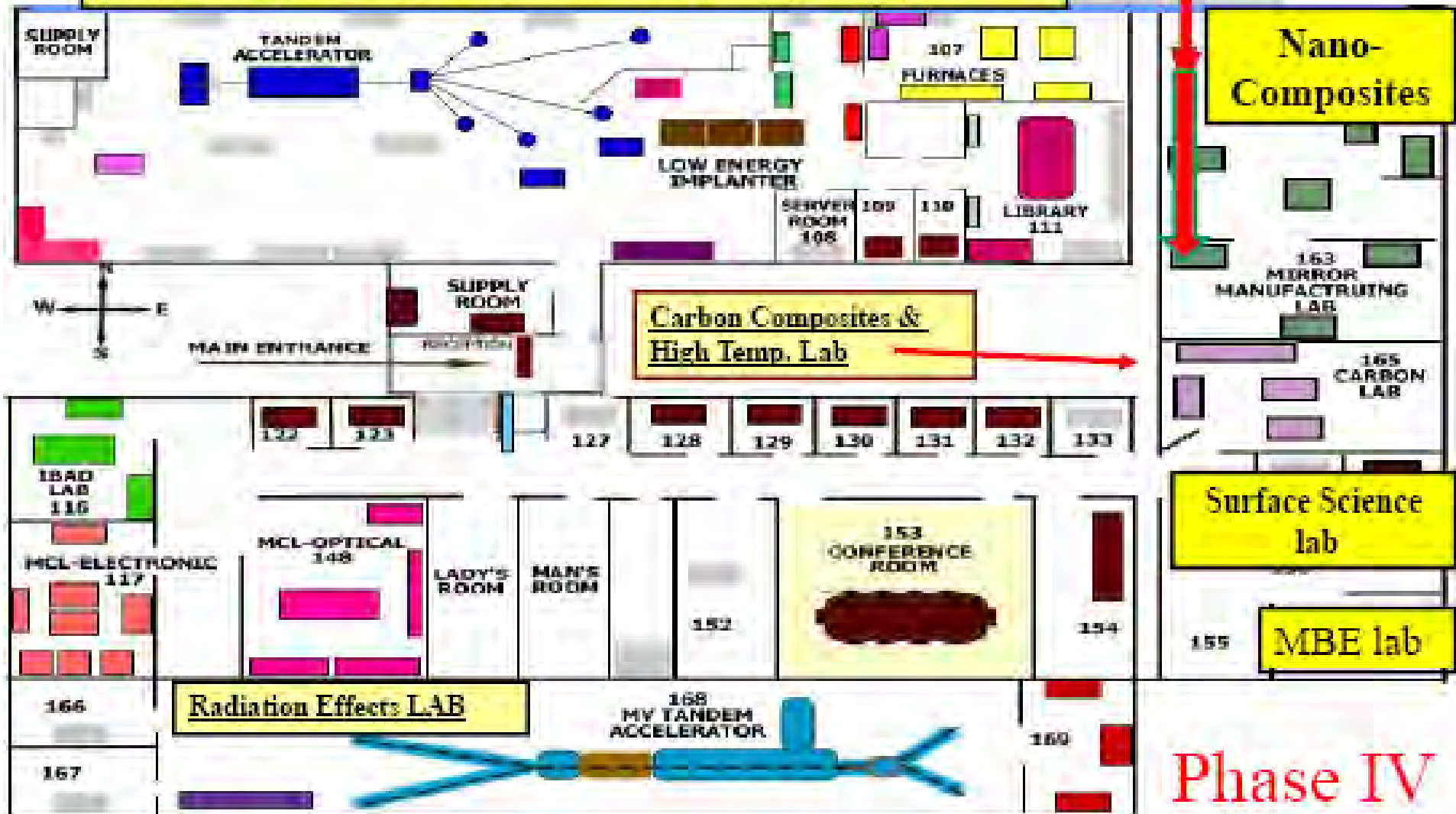
## 5. Services: HR, IT, Research Contract



# Ctr. for Irrad. of Materials



## Ultra-light Mirror Manufacturing Lab



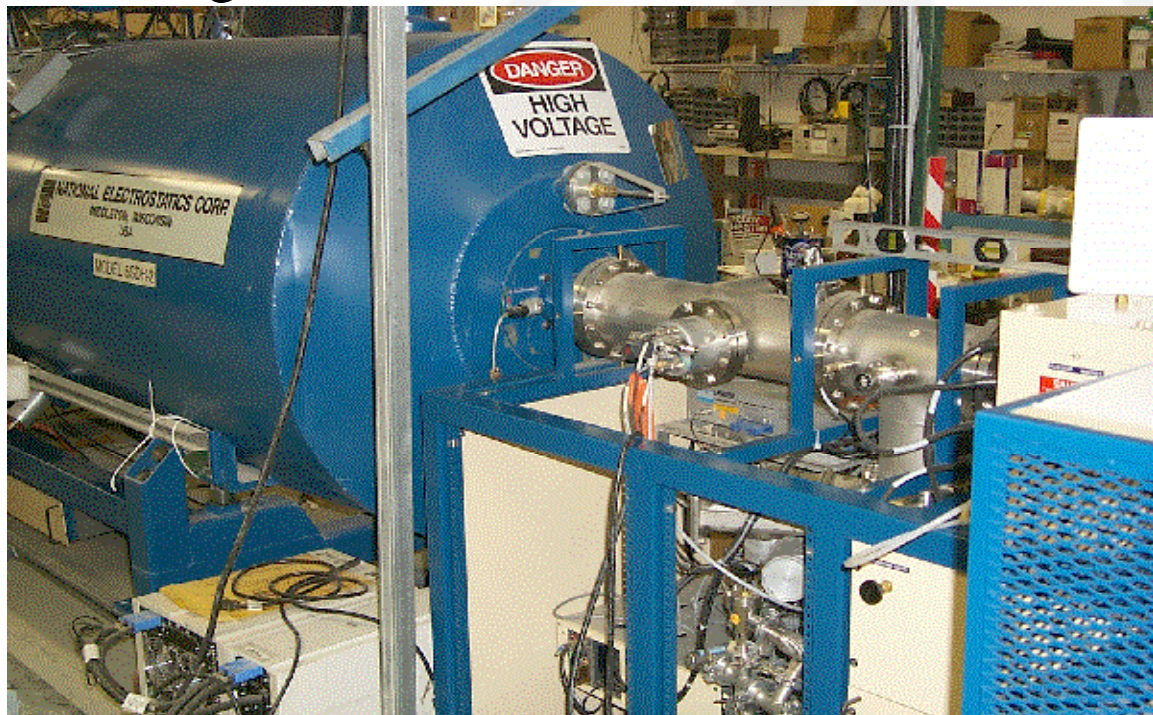
Phase IV



# Center for Irradiation of Materials

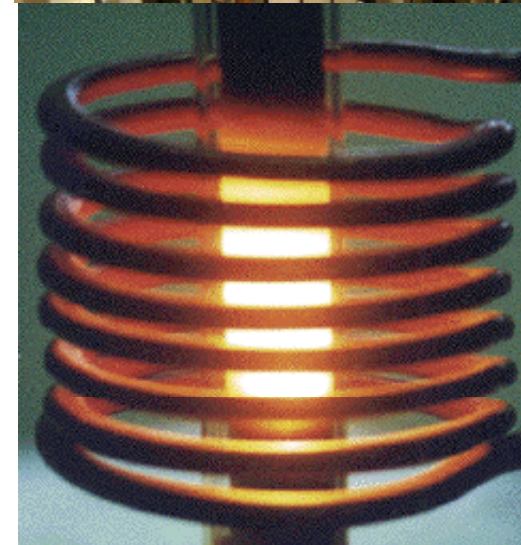
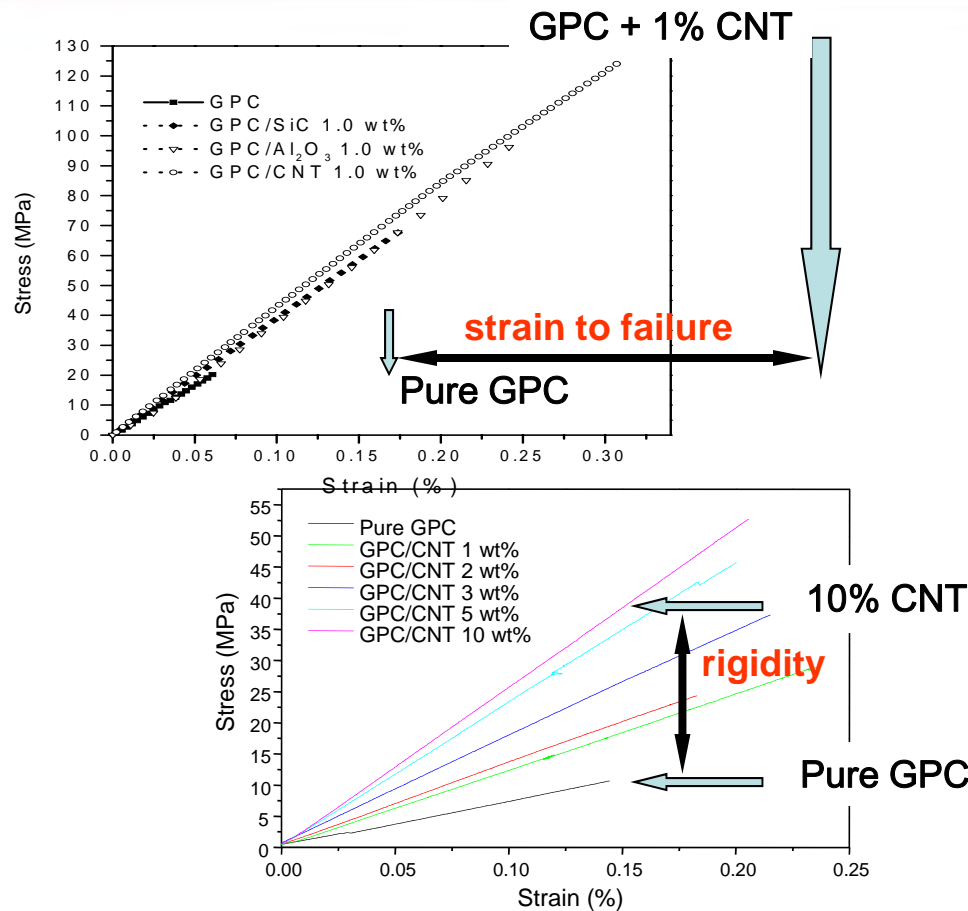


- Operates Two Tandem Particle Accelerators each 2 MV Accelerators
- Nano-Science and Nanotechnology (**NSF, DOE, NASA, DOD**)
- Surface and Interface Processing
- Materials Processing
- **Thermoelectric Mat.**
- **Ion Implantation**
- **Materials Analysis**
- **High Temp. Carbon Composites**
- **Environmental R&D, Forensic**





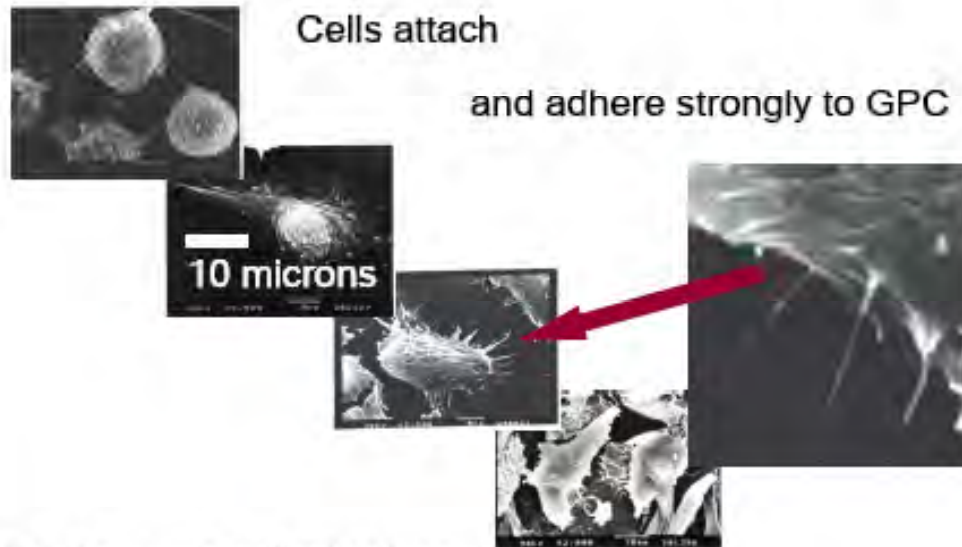
# High Temp. CARBON COMPOSITES



Ultra high (2500C) temperature carbon composites. Carbon nano-tubes improve the **strain to failure** more than factor 10. And the **rigidity** by factor 3!

Glassy Polymeric Carbon (GPC) - Composites  
Operates above 5000°F, Chemically stable, Biocompatible, Almost as hard as diamond, Good electrical conductor

# ION BEAM MODIFICATION of materials for biomedical applications.



- Tenuous cell attachment (top)

Strong adhesion (bottom)



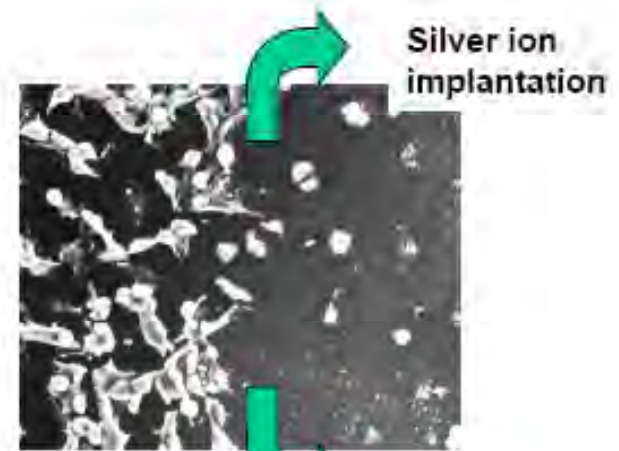
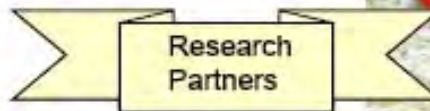
Brazil



Turkey



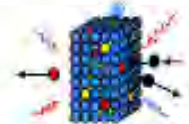
AAMU



Control of cell growth on carbon  
for improved medical implants



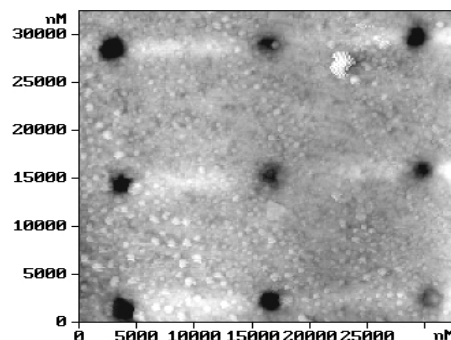
GPC heart valve  
(GPC is the black material)



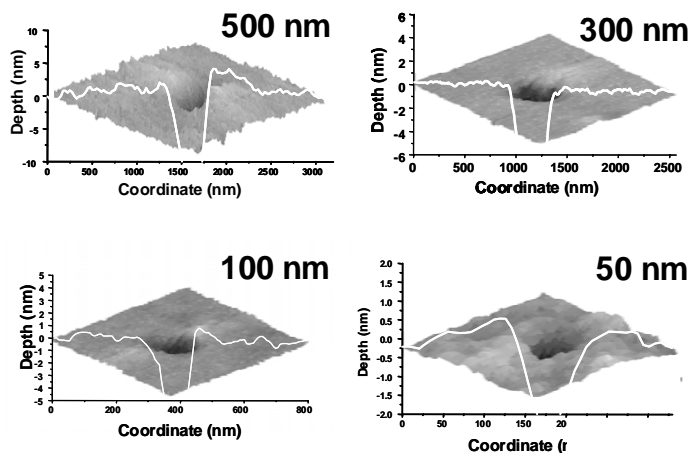


# Controlled Fabrication of Micro-/ Nano-pores Membranes

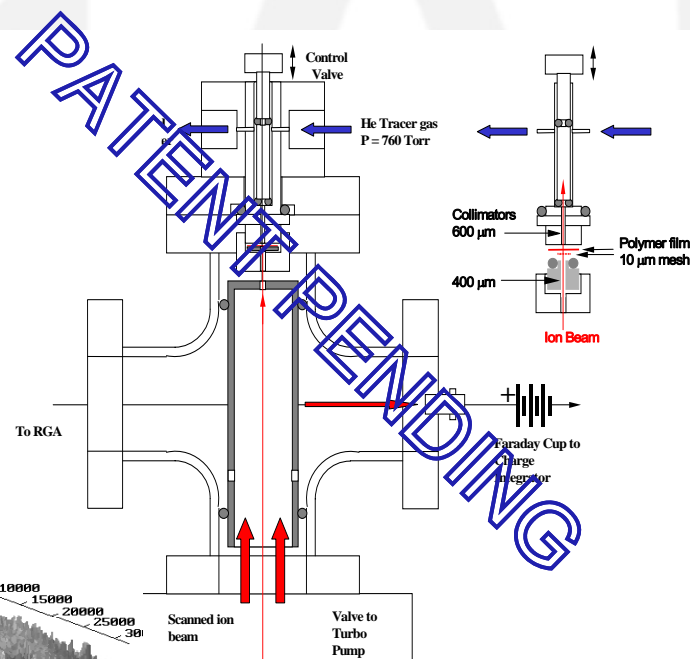
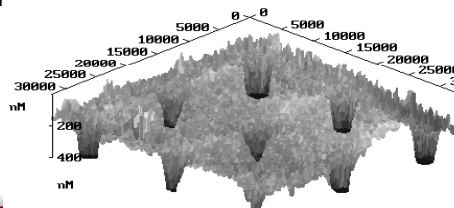
## *Production of nanopores in Fluoropolymer films*



Nano pore production for single molecule biochemistry  
DNA and Protein characterization



Perfluoroalkoxyethylene (PFA)  
 $[\text{CF}_2\text{CF}_2]_{0.99}[\text{CF}_2\text{COF}_3]_{0.01}$



# Highly Efficient Thermoelectric Materials

## *In House Materials Processing and Device Prototyping*

### AAMU TEM (June 2009)

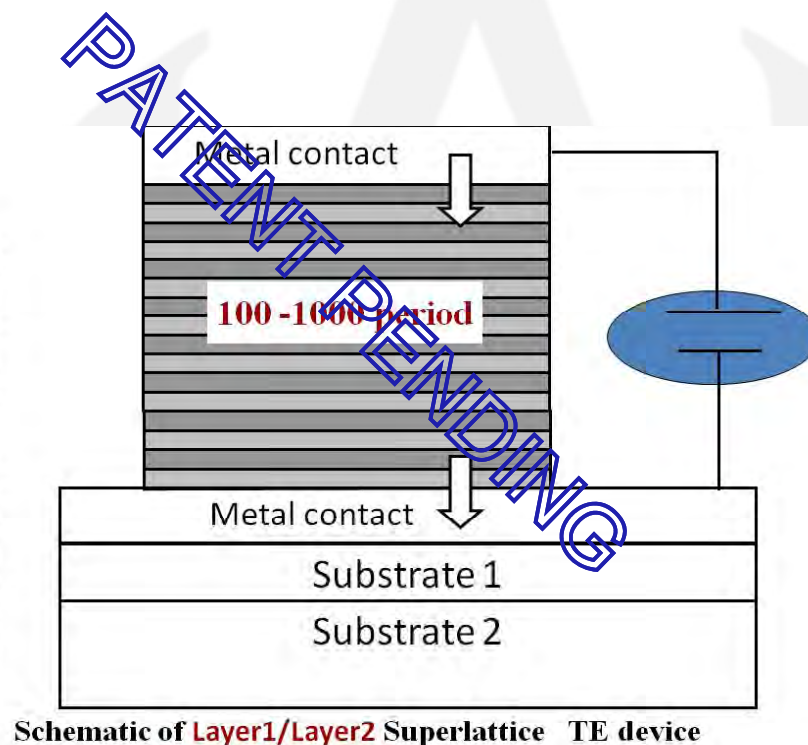
Materials	Reported ZT/Temp	AAMU ZT/Temp	Potential ZT/Temp
$\text{SiO}_2\text{Au/SiO}_2$	0	2.52 @ 360K	> 2.52
$\text{Bi}_x\text{Te}_3/\text{Sb}_2\text{Te}_3$	1.1 @ 350K	2.6 @ 350K	> 2.6
$\text{SiO}_2 \text{ Ag/SiO}_2$	0	0.085 @ 300K	Under Investigation
$\text{Zn}_4\text{Sb}_3$	0.50 @ 300K	0.53 @ 300K	Under Investigation
$\text{CeFe}_2\text{Co}_2\text{Sb}_{12}$	0.05 @ 300K	3.07 @ 300K	>3.07
$\text{SiO}_2/\text{Zn}_4\text{Sb}_3$		0.28 @ 300K	
$\text{Si}_{1-x}\text{Ge}_x/\text{Si}$	1. @ 300K 0.6 @ 1200K	0.61 @ 300K	>> 0.61

$\text{SiO}_2/\text{SiO}_2+\text{Au}$ ,  $\text{Bi}_x\text{Te}_3/\text{Sb}_2\text{Te}_3$ ,  $\text{Zn}_4\text{Sb}_3/\text{CeFe}_2\text{Co}_2\text{Sb}_{12}$ ,  
 $\text{SiO}_2/\text{SiO}_2+\text{Ag}$ ,  $\text{Zn}_4\text{Sb}_3$ ,  $\text{ZrNiSn}$ ,  $\text{Zn}_4\text{Sb}_3$ ,  
 $\text{CeFe}_2\text{Co}_2\text{Sb}_{12}$ ,  $\text{SiO}_2/\text{SiO}_2+\text{Zn}_4\text{Sb}_3$ ,  $\text{Si}_{1-x}\text{Ge}_x/\text{Si}$ ,  
 $\text{Bi}_2\text{Te}_3/\text{Sb}_2\text{Te}_3$

0.5 < ZT gained < 3.07

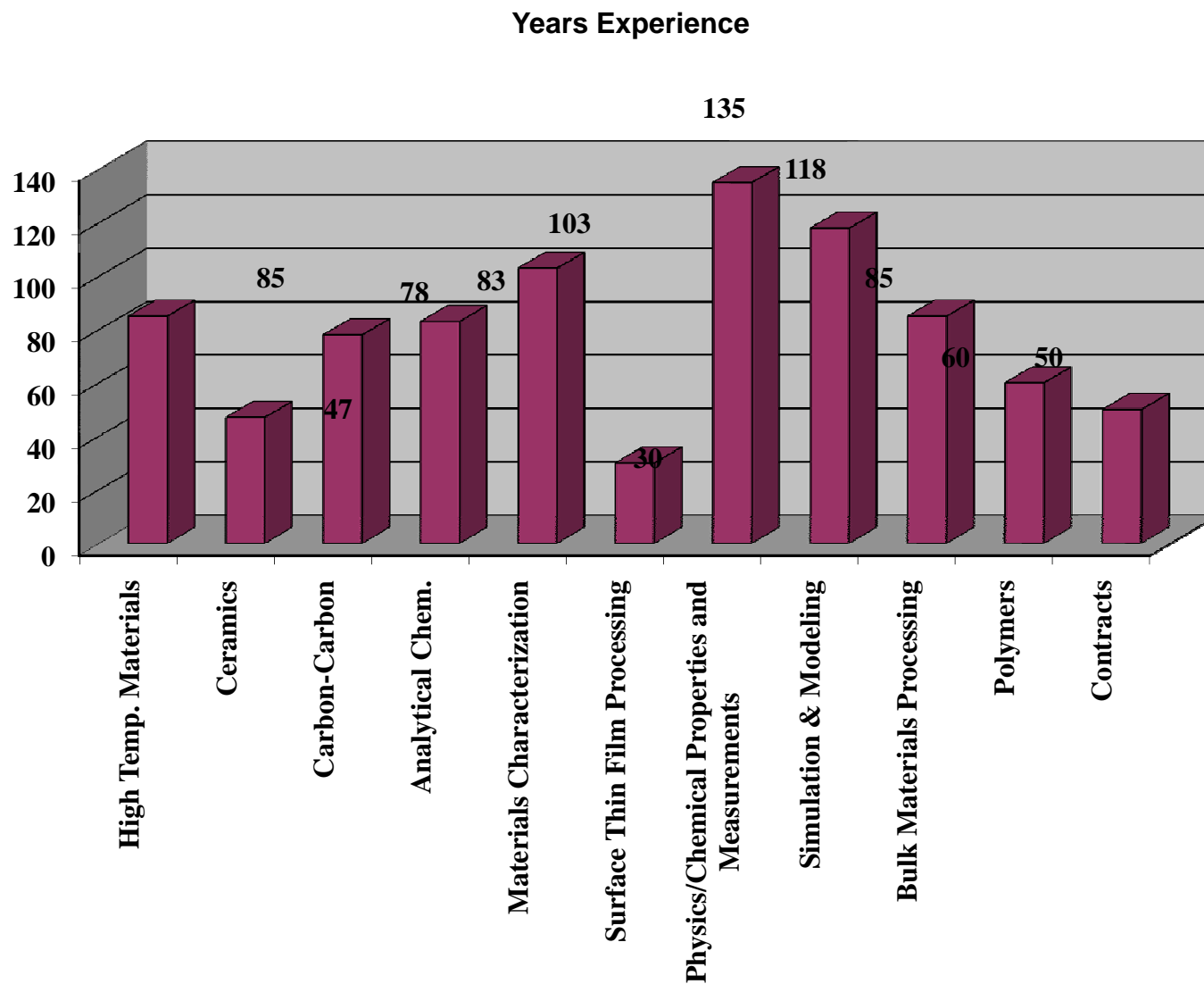
300K < Operation Temp < 1200K

Design of NL/NC (QW/QD)





# Advanced Propulsion Materials Research and Technology Center



# Advanced Propulsion Materials Research and Technology Center



**Concave Ni-Co mirror and a nuzzle**



# **Sensor Development, Testing & Prototyping**

**Radioactive Litmus Sensors  
Volatile Gases Litmus Sensors  
Volume Mapping Sensor Arrays  
Nano-Structured Based Sensor  
Technology  
Innovative Sensor Development  
and Manufacturing &  
Characterization**



# Additional Past Performance Indicators



- **NASA - Advanced Propulsion Materials (>\$3M)**
- **SBA** Contract to AAMURI “Conduct National Business Training Sessions” (Completed)
- **ARO/NIH/DOE STTR/SBIR (> 12)**
- **EG&G** (NASA-Technical/Engineering Services) (Five more year)
- **SAIC** (DTRA-Engineering Services)
- AAMURI granted access to **DOD Joint Clearance Access Verification System (JCAVS)**
- **Nunn-Perry Award**,  
(Six years consecutively)
  - The prestigious Nunn-Perry Awards are presented each year to outstanding Mentor-Protégé relationships across the country.







AAMU

AU

TU

UA

UAB

UAH

USA



# Enhancing Research Capabilities in Nano/Bio Science and Sensors



## •Vision:

Enabling internationally-competitive nano/bio research and contributing significantly to science and technology-related education, outreach, and economic development in Alabama.

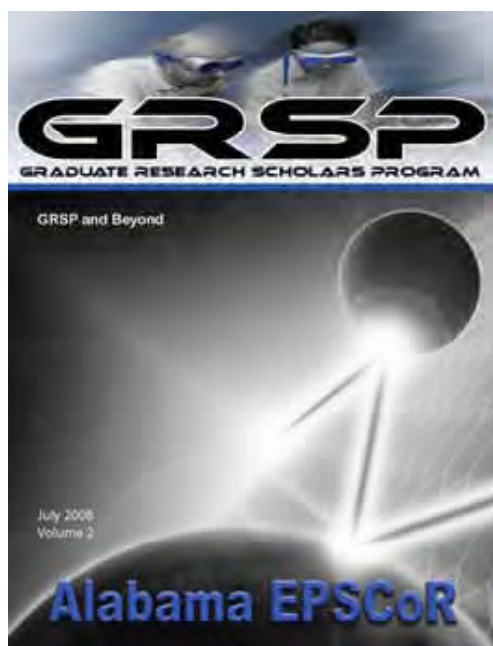
## •Mission:

Establishing a multi-campus nano/bio science and sensor research and education infrastructure for the State of Alabama that will allow researchers and research centers to be nationally competitive and ultimately self-sustainable..

**Competitive and Self-Sustained**

# Alabama EPSCoR Program

## AAMU, AU, TU, UA, UAB, UAH, & USA



**(256)372-8710**

***<http://epscor.aamu.edu/>***





## Inter-state collaborations

AAMU

AU

TU

UA

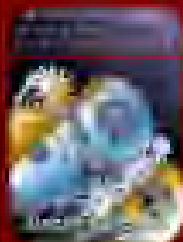
UAB

UAH

USA



A multi-campus nano/bio science and sensor research and education





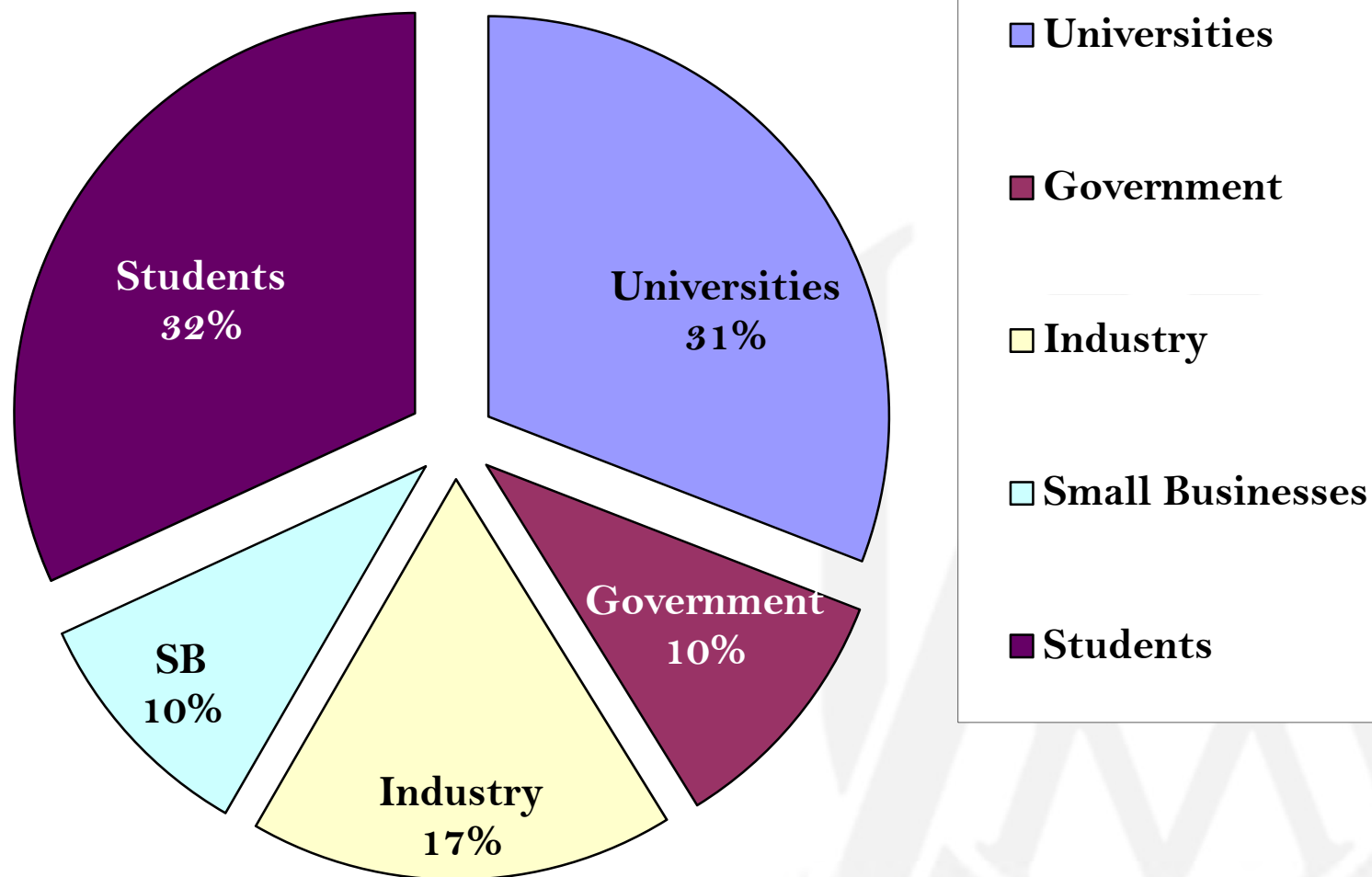
# NEWS



- **AAMURI passed the annual DSS Industrial Security Program Review**
- **AAMURI Passed External Audit (B&F, DCAA, State of AL)**
- ***Approval of the AAMURI's accounting system by Defense Contract Audit Agency* (DCAA AUDIT REPORT NO. 1201– 2007J17740001, 23 January 2007).**
- **Record Breaking STTR/SBIR/HBCU/MI/Small Business meeting at AAMU 2010**
- **AAMURI Hosted Nanotechnology meetings, 2009-2010**
- **\$15M NSF EPSCoR Award for ALEPSCoR**
- **AAMURI, a successful model (National Academies)**  
**(AAMURI sets the requirements for large scale industrial application of nano-fabrication Labs)**



# 2010 STTR/SBIR Small Business Conference



# Past Performance Indicators



- **Alabama EPSCoR Program** - \$ 4.5M/Y to \$17.5M/Y
- **SBA** Contract to AAMURI “Conduct National Business Training Sessions” (Completed) , **“Frontiers of Nano-Technology Business”**
- **ARO/NIH/DOE STTR/SBIR** (> 12)
- **EG&G** (NASA-Technical/Engineering Services) (Five more year)
- **SAIC** (DTRA-Engineering Services)
- AAMURI granted access to **DOD Joint Clearance Access Verification System (JCAVS)**
- **Nunn-Perry Award**,  
(Several years)
  - The prestigious Nunn-Perry Awards are presented each year to outstanding Mentor-Protégé relationships across the country.



# Current ID/IQ Contracts

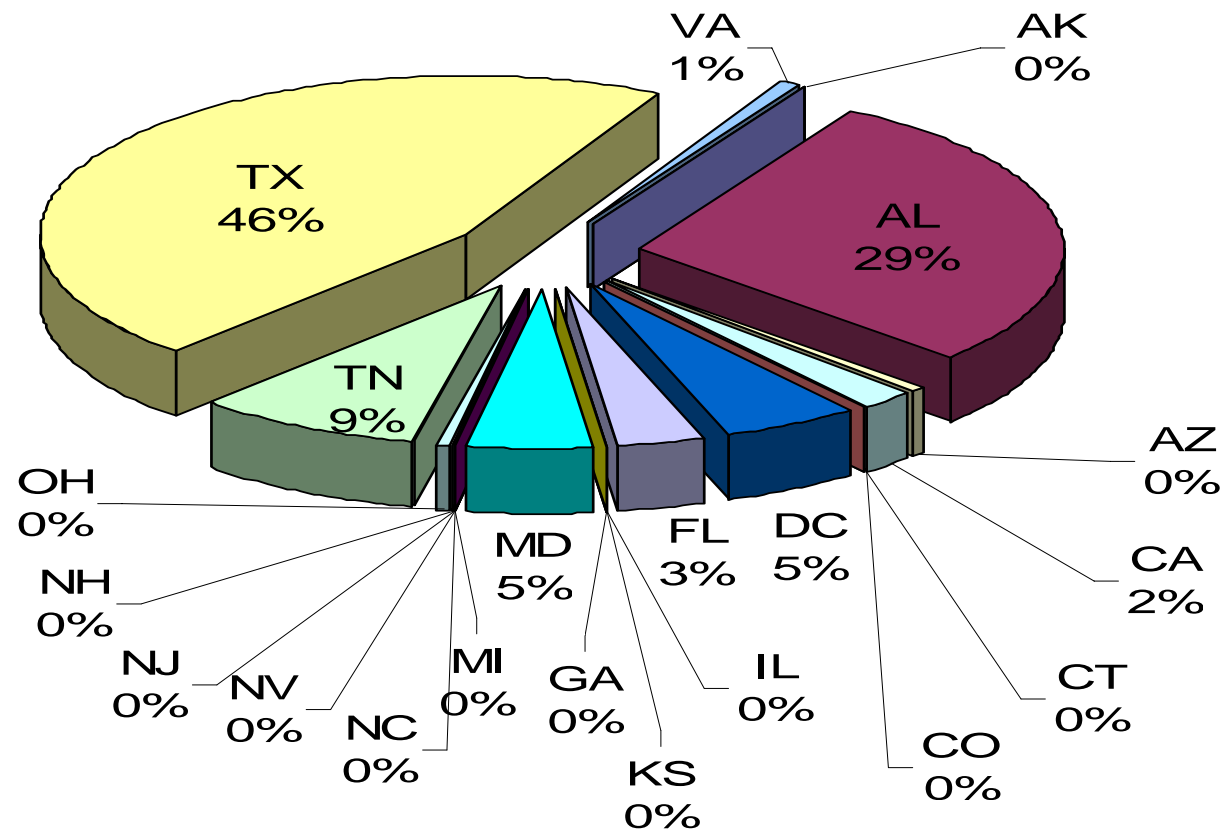


ID/IQ	AGENCY	PRIME CONTRACTOR
Flexible Acquisition Sustainment Tool ( <b>FAST</b> )	U.S. Air Force	SAIC-Warner Robbins
Night Vision and Electronic Sensors Directorate ( <b>NVESD</b> )	U.S. Army-CECOM	SAIC-San Diego
Space Technology Applications and Requirements Support ( <b>STARS</b> )	U.S. Army	ARINC, Inc.
<b>Millennia Lite:</b> Legacy Systems Migration and New Enterprise Systems Development	U.S. General Services Administration	Madison Research Corporation
<b>Minority Institutions Technical Support Services II (MITSS II)</b>	<b>DoD-DISA</b>	<b>AAMURI</b>
STRICOM Omnibus Contract ( <b>STOC</b> )	U.S. Army-STRICOM	Lockheed Martin-Orlando
Environmental Restoration at Paducah	DoE/Bechtel Jacobs	SAIC-Oak Ridge
Environmental Restoration at Oak Ridge	DoE/Bechtel Jacobs	SAIC-Oak Ridge
Defense Information Systems Network (DISN) Global Solutions ( <b>DGS</b> )	DoD-DISA	SAIC-Vienna
DISA Next Generation ( <b>NEXGEN</b> ) Engineering Contract	DoD-DISA	SAIC-Arlington
<b>AMCOM Express</b>	U.S. Army-AMCOM	SAIC-Huntsville
MSAD Systems Development and Operations Support ( <b>SDOS</b> )	NASA-MSFC	Teledyne Brown Engineering
<b>Encore</b> Information Technology (IT) Products and Services	DoD-DISA	Analytical Services, Inc.
<b>CECOM R2</b>	U.S. Army	Tamsco, Inc.
<b>CECOM R2</b>	U.S. Army	Lear Seigler, Inc.
<b>System Engineering Analysis and Testing Support</b>	<b>U.S. Army-AMCOM</b>	<b>AAMURI</b>
Flexible Acquisition Sustainment Tool ( <b>FAST</b> )	U.S. Air Force	SAIC-Warner Robbins
Night Vision and Electronic Sensors Directorate ( <b>NVESD</b> )	U.S. Army-CECOM	SAIC-San Diego

# Small Business Subcontracts 20%-50%



**Value by Location**

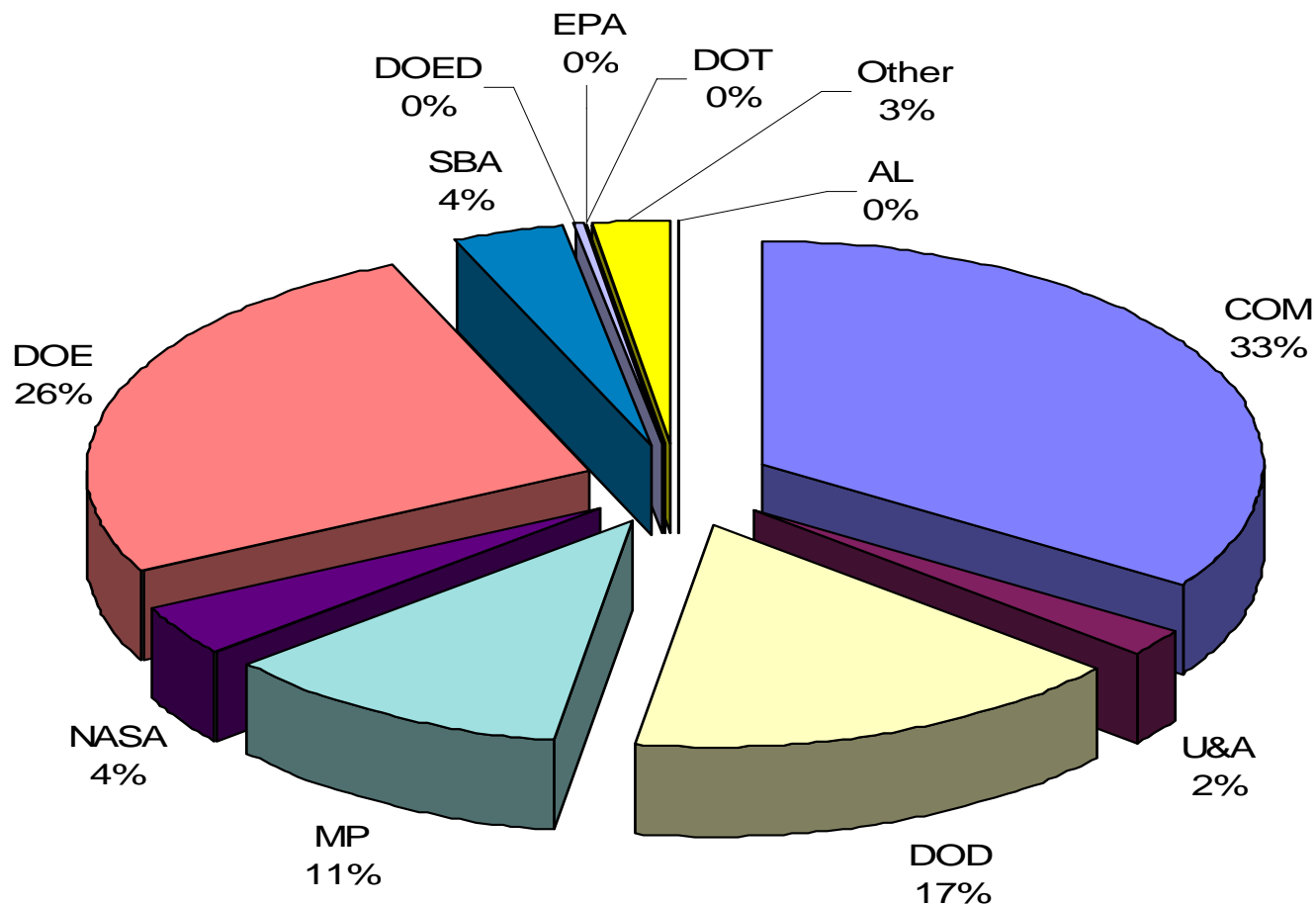




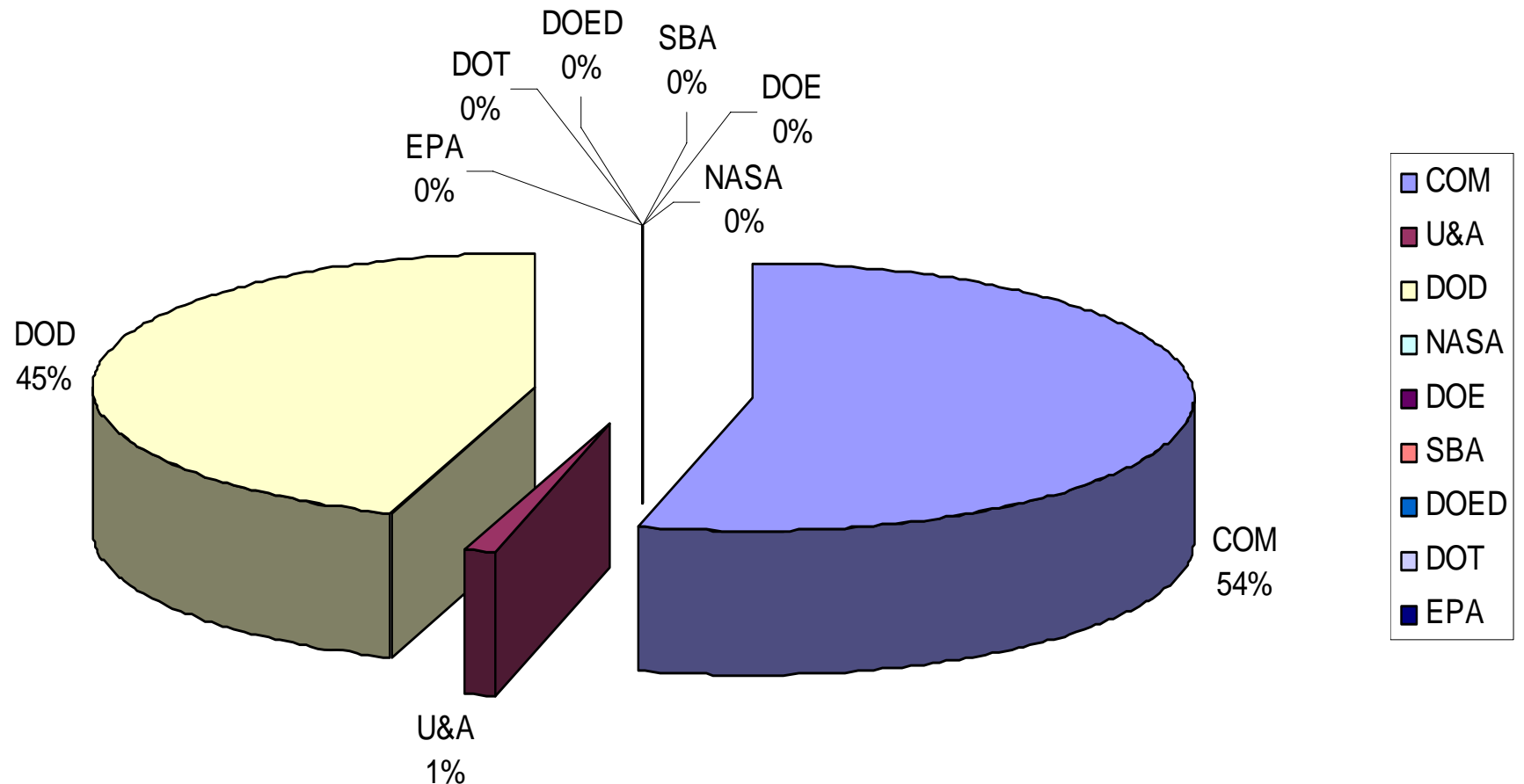
# FY07 Revenue by Category



**FY06 Revenue by Category**



# FY08 Awards by Category



# Annual Small Business Conference



## *Department of Defense STTR/SBIR and Small Business Conference*



Hosted by

**Alabama A&M University Research Institute  
(AAMURI)**

**Cosponsors: SAIC, AL-EPSCoR, NSF, AMRDEC,  
Boeing, AAMURI, ....**

**31Jan. - 2 Feb.2011**

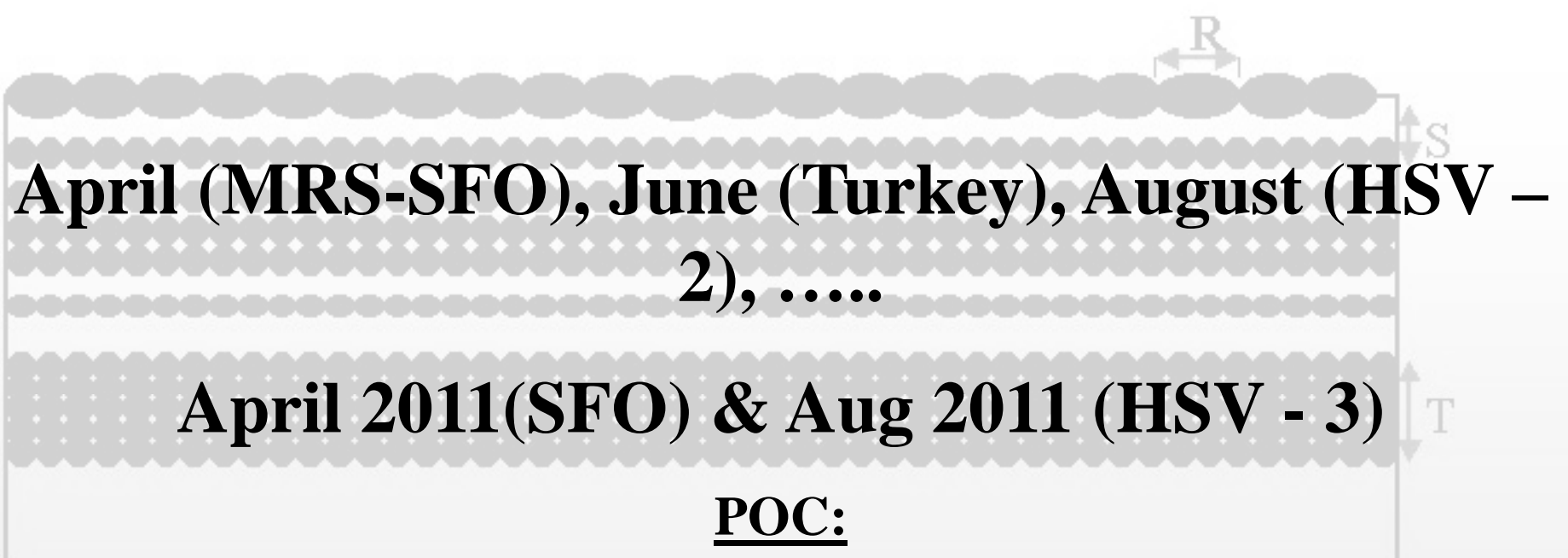
**Alabama A&M University**

**<http://AAMURI.AAMU.EDU>**

# *Nanotechnology*

Layered Nano-Structures

## *Workshops & Symposia*



A schematic diagram of a layered nano-structure. It shows a stack of layers with different patterns: a top layer of circles, a layer of diamonds, a layer of dots, and a bottom layer of circles. Labels R, S, and T indicate dimensions: R is the radius of a circle, S is the spacing between layers, and T is the thickness of a layer.

April (MRS-SFO), June (Turkey), August (HSV – 2), .....

April 2011(SFO) & Aug 2011 (HSV - 3)

POC:

Dr. Daryush ILA (**ILA@CIM.AAMU.EDU** )

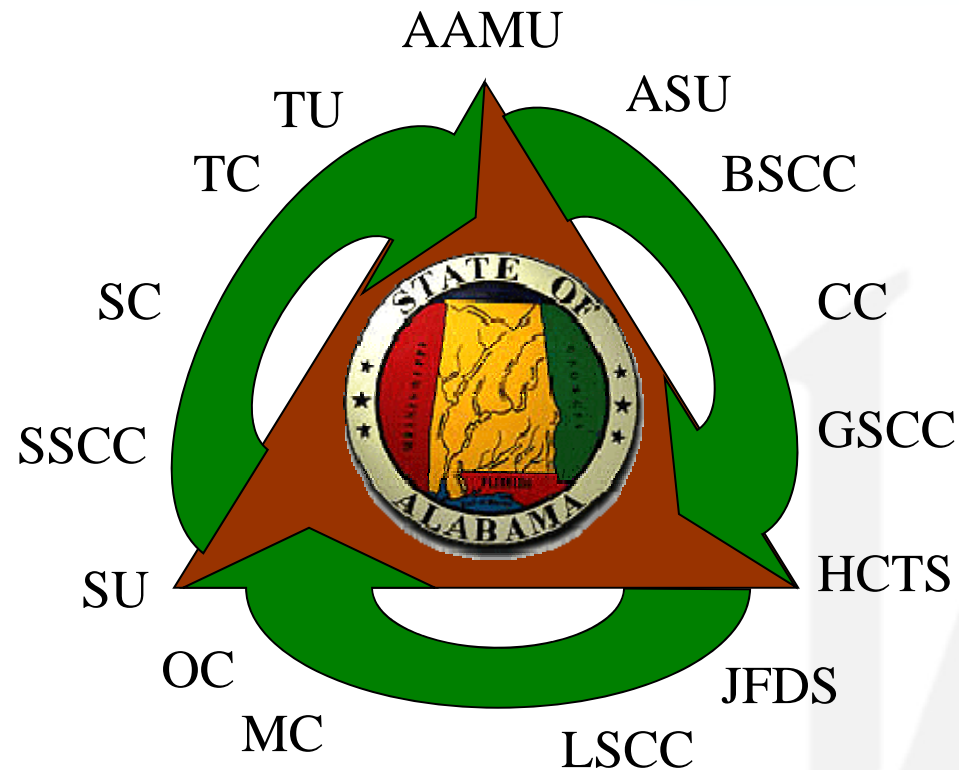
(256)372-8700, <http://AAMURI.AAMU.EDU>

T: Layer Thickness



# Alabama HBCUs Research and Development

Alliance, Established April 2002



**State of Alabama and AAMURI**

**(256)372-8700**

***<http://aamuri.aamu.edu/Alabama-HBCUs/HBCU.htm>***



# Legislative Updates / Topics for Small Business

Legislative & Regulatory Affairs  
Strategic Work Placement / Supplier Diversity

# Geopolitical Summary

## Boeing Global Supplier Diversity



**Global Recession**



**New Defense Strategy**



**New Administration**



**Government Bailout**



**Budget Crisis**



**DoD Budget Rebalancing**



**Acquisition Reform**



**Increasing Social Programs**

***Challenging environment impacts small businesses first***

# President Obama's Small Business Agenda

## Boeing Global Supplier Diversity

- Increase transparency, “acquisition reform and oversight”
- Invest in Women-owned Small Businesses and increase minority access to capital
- Support Rural Small Businesses through state agricultural grants
- Fix Health Care for SBs
- Provide tax relief for SB's and start-ups – support high-tech and R&D job creation
- Expand SBA loan and micro loan programs
- Create national public-private business incubator infrastructure

***Small business = jobs***



# Emerging Issues (General)

## Boeing Global Supplier Diversity

- Legislative Proposals
  - Increase statutory SB goal to 25% (from 23%)
  - More “penalties” for non-achievement of SB subcontracting goals
  - New criteria for “good faith” compliance with subcontracting plans
  - 5 year debarment for fraudulent misrepresenting business size
  - SDB personal net worth criteria increase to \$978K
  - Parity within socioeconomic subcontracting programs
  - CSP covered contracts subject to liquidated damages
  - SB Subcontracting Plan threshold increase to \$650K (from \$550K)
  - Foreign-owned firms ineligible for SB status

# Emerging Issues (General)

## Boeing Global Supplier Diversity

- Regulatory Proposals
  - SBA re-write of Size Standards – *proposed*
    - Analyzes the need for DoD-specific size standards
    - Revisions of 8(a) Business Development Program criteria
  - Quarterly eSRS reporting for GSA Contracts (FAR class deviation / memo)
    - DoD may follow suit

# Emerging Issues (Specific)

## Boeing Global Supplier Diversity

- Bill S.2989
  - Penalties for business size misrepresentation
  - Expansion of small business set-asides into more agency IDIQ contracts
  - Changes to prime-subcontracting processes (e.g., “bait and switch”)
    - certification to execute subcontract in the same quantity/quality as contained in a federal government proposed offer
- Federal Funding, Accountability & Transparency Act (FFATA) **interim rule 6/25**
  - Affects all solicitations and contracts (except classified)  $\geq \$25K$

## American Recovery & Reinvestment Act (ARRA) – **already in affect**

- Affects solicitations and contracts (except classified) that are funded in whole or in part by the Recovery Act
- Requires quarterly reporting at the Prime contract level, (and Subcontractor level if prime has any subcontracts  $\geq \$25K$ )

# FFATA / ARRA Qtrly Reporting Elements

## Boeing Global Supplier Diversity

1. Funding Agency Code / Name
2. Awarding Agency Code / Name
3. Contracting Office Code / Name
4. Program Source (Treasury Account Symbol (TAS))
5. Award Number\* and Order Number (if applicable)
6. DUNS Number\*
7. Legal Name\*, Doing Business As Name\*, and Full Address\* (pre-populated from CCR if available, D&B is secondary source)
8. Recipient's Congressional District\*
9. Parent DUNS Number (pre-populated from CCR)
10. Recipient's Account Number (optional field for the recipient's use)
11. Award Date\*
12. Award Description (narrative)
13. Quarterly Activities / Project Description (narrative) (cumulative)
14. Project Status (Not Started, <50% Complete, >50% Complete, Complete) (cumulative)

\* Must also report these elements for any first tier subcontractor for subcontract  $\geq$  \$25K



# FFATA / ARRA Reporting Elements

## Boeing Global Supplier Diversity

15. Project Title (optional)
16. NAICS Code / NAICS Code Description
17. Number of Jobs Created / Retained (cumulative)
18. Description of Jobs Created / Retained (narrative) (cumulative)
19. Amount of Award (Total Amount of Recovery Funds Obligated for the Contract or Order)\*
20. Total Amount of Recovery Funds Invoiced (cumulative)
21. Primary Place of Performance Full Address\*
22. Primary Place of Performance Congressional District\*
23. Recipient Indication of Applicability Regarding Highly Compensated Executives\*
24. Names of the 5 Most Highly Compensated Executives (conditional based on the recipient's indication of applicability)\*
25. Compensation Amount of the 5 Most Highly Compensated Executives (conditional based on the indication of applicability)\*
26. Total Number and Amount of Sub-awards to Individuals (cumulative)
27. Total Number and Amount of Sub-awards <\$25K per Award (cumulative)

\* Must also report these elements for any first tier subcontractor for subcontract  $\geq$  \$25K

# Industry Concerns / Open Issues

## Boeing Global Supplier Diversity

- Modernization of Small Business Programs – e.g.
  - Comprehensive Subcontracting Plan (CSP) Test Program
    - Extended to 2014
    - Modernization to be addressed during extension
    - New program participants prohibited during extension
- Emerging socioeconomic categories at subcontracting level–
  - AbilityOne
  - Economically disadvantaged women-owned small business (EDWOSB) – potential goal flowdown to primes
- Reauthorization of Small Business Innovative Research Program
  - Lack of “permanency”
  - DoD extended thru Sept 20<sup>th</sup> (other Agencies thru April 30<sup>th</sup>)

# Industry Concerns / Open Issues

## Boeing Global Supplier Diversity

- Non-standard small business language in RFPs (e.g. FMS)
  - SBA guidelines excludes FMS from SB goal base (DOD push back)
  - SBA official policy pending (tentative ECD - end of FY10)
- Globalization
  - Leveraging US small business regulations; expanding to “global supplier diversity” model
- Subcontracting Plan Flow Down Clause
  - Agencies’ interpretation:
    - primes review/negotiate/monitor their Tier 1’s subcontracting plan goals and performance
  - FAR / industry practice does not support Agency’s interpretation
  - SBA, DOD, OSB, etc. redressing the issue on a government- and industry-wide basis

# Summary

## Boeing Global Supplier Diversity

- Websites for more information
  - [www.thomas.gov](http://www.thomas.gov)
- Congressional Bills
  - S. 2989
  - H.R. 4496
  - H.R. 1983
  - H.R. 2568
  - H.R. 4253
  - H.R. 2747
  - H.R. 3558
  - H.R. 4125
  - H.R. 2415
  - H.R. 2416
  - H.R. 2568
  - H.R. 2769

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[priscilla.a.jones@boeing.com](mailto:priscilla.a.jones@boeing.com)



**Q & A**

# Back-up

2010 Spring TRIAD  
Huntsville, AL

Salute to  Murray J.  
Schooner  
May 27, 2010



SKANSKA

Contracts

05/27/2004













































































Murray, you  
will always be  
in our hearts.